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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,736,582
2,787,130
2,817,802
2,837,835

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,736,582
2,787,130
2,817,802
2,837,835

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1708***
For each additional sheet over 30	**$19**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*))	**$257**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**257 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yo1.ge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé[MC] et Xpresspost[MC] de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of July 24, 2018 contains applications open to public inspection from July 8, 2018 to July 14, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 24 juillet 2018 contient les demandes disponibles au public pour consultation pour la période du 8 juillet 2018 au 14 juillet 2018.

16. Dedication to the Public

The Commissioner of Patents
Gatineau, Quebec, Canada

Commissioner.

Re: Canadian Patent **No. 2795496**
Issued: 2015-02-03
Present Owner: BAYER INTELLECTUAL PROPERTY GMBH

Title: **METHOD OF IMPROVING PLANT YIELD OF SOYBEANS BY TREATMENT WITH HERBICIDES**

On behalf of the owner of the patent referenced above, we request that the remainder of the term of this patent be dedicated to the public. Please record this communication in your file respecting this patent.
It is believed that there is no official fee associated with this step. However, in the event that any fee is required, kindly charge such fee to our deposit account No. 600000242 and inform us of the amount deducted.

SIGNED at Ottawa-Gatineau, Canada this 29th day of November, 2017

[signature]
Name: Adrian Zahl, RIDOUT & MAYBEE LLP
Title: Attorney

16. Cession au Domaine Public

Le Commissaire des brevets
Gatineau (Québec) Canada

Commissaire.

Objet : Brevet canadien **no: 2795496**
Delivré: 2015-02-03
Titulaire actuel : BAYER INTELLECTUAL PROPERTY GMBH

Titre: **PROCEDE D'AMELIORATION DE RENDEMENT DE PRODUCTION DE PLANTS DE SOJA AU MOYEN D'UN TRAITEMENT PAR DES HERBICIDES**

Au nom du propriétaire du brevet susmentionné, nous demandons que le reste de la durée du présent brevet soit cédé au domaine public. Veuillez inscrire cette correspondance dans votre dossier portant sur le présent brevet.
Nous estimons qu'aucune taxe officielle n'est liée à cette étape. Cependant, au cas où une taxe serait exigée, veuillez prélever la somme dans notre compte de dépôt no 600000242 et nous informer du montant prélevé.

SIGNÉ à Ottawa-Gatineau, Canada, le 29e jour du mois de novembre 2017

[signature]
Nom; Adrian Zahl, RIDOUT & MAYBEE LLP
Titre: Avocat

17. Dedication to the Public

The Commissioner of Patents
Gatineau, Quebec, Canada

Commissioner.

Re: Canadian Patent **No. 2724045**
Issued: 2011-09-20
Present Owner: EVOLUTION TECHNOLOGIES INC.

Title: **FOLDABLE WALKER APPARATUS**

Subject to the terms of this document, Evolution Technologies Inc., as the owner of Canadian Patent No. 2,724,045, entitled "FOLDABLE WALKER APPARATUS" (inventor Julian Liu) hereby irrevocably dedicates to the public all rights that it may hold in and to Canadian Patent No. 2,724,045 for the entirety of the term of the Patent.
The present dedication of the Canadian Patent No. 2,724,045 is made without any prejudice to the rights of Evolution Technologies Inc. in and to any other patent or pending patent applications.
The present dedication shall apply to all subsequent owners of Canadian Patent No. 2,724,045 and to all persons who now or in the future may hold any rights under Canadian Patent No. 2,724,045.
The patentee, Evolution Technologies Inc., also requests that this dedication be registered and recorded in all relevant places in the Patent Office, to provide notice of its dedication to the public, including its attachment to any printed copies of the Canadian patent which may hereinafter be distributed to the public.

SIGNED at Dongguan, Guangdong China this 9th day of January, 2017

[signature]
Name: Julian Liu
Title: President

17. Cession au Domaine Public

Le Commissaire des brevets
Gatineau (Québec) Canada

Commissaire.

Objet : Brevet canadien **no: 2724045**
Delivré: 2011-09-20
Titulaire actuel : EVOLUTION TECHNOLOGIES INC.

Titre : **MARCHETTE REPLIABLE**

Par la présente et sous réserve des dispositions du présent document, Evolution Technologies Inc., à titre de propriétaire du brevet canadien no 2,724,045, intitulé « MARCHETTE REPLIABLE » (inventeur Julian Liu) cède au domaine public, de façon irrévocable, tous les droits qu'il pourrait détenir sur le brevet canadien no 2,724,045 pour toute la durée du brevet.
La présente cession du brevet canadien no 2,724,045 se fait sans préjudice des droits d'Evolution Technologies Inc. sur l'ensemble des brevets et des demandes de brevet en instance.
La présente cession s'applique à tous les titulaires subséquents du brevet canadien no 2,724,045 et à toutes les personnes qui détiennent à l'heure actuelle, ou qui pourraient détenir dans l'avenir, des droits sur le brevet canadien no 2,724,045.
Le breveté, Evolution Technologies Inc., demande également que la présente cession soit enregistrée et inscrite dans tous les lieux et registres pertinents du Bureau des brevets, afin qu'un avis public soit donné de la cession du brevet,en englobant tout lien avec des copies papier du brevet canadien qui pourraient être transmises au public après cette date.

SIGNÉ à Dongguan, Guangdong China, le 9e jour du mois de janvier 2017

[signature]
Nom; Julian Liu
Titre: President

Canadian Patents Issued

July 24, 2018

Brevets canadiens délivrés

24 juillet 2018

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[13] C
[51] **Int.Cl. G06Q 50/10 (2012.01)**
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[54] **SYSTEME POUR LA GESTION DE SERVICES ALIMENTAIRES**
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[73] TELETRACKING TECHNOLOGIES, INC., US
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[51] **Int.Cl. A61K 36/31 (2006.01) A61K 36/21 (2006.01) A61K 36/23 (2006.01) A61K 36/42 (2006.01) A61K 36/752 (2006.01) A61K 36/81 (2006.01) A61K 36/899 (2006.01) A61P 1/16 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01)**
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[54] **ALIMENTS FONCTIONNELS UTILES DANS LA PREVENTION ET LE TRAITEMENT DES CANCERS ET DES MALADIES AFFECTANT LE FOIE**
[72] BUI, CAN V., US
[72] BUI, CUONG Q., US
[73] BUI, CAN V., US
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[54] **INJECTABLE CALCIUM PHOSPHATE SOLID RODS AND PASTES FOR DELIVERY OF OSTEOGENIC PROTEINS**
[54] **BARRES SOLIDES ET PATES DE PHOSPHATE DE CALCIUM INJECTABLES POUR LA DELIVRANCE DE PROTEINES OSTEOGENIQUES**
[72] LI, REBECCA, US
[72] SEEHERMAN, HOWARD, US
[72] KIM, HYUN, US
[73] WYETH, US
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[54] **MELT-EXTRUDED MULTIPARTICULATES FOR THE CONTROLLED RELEASE OF AN ACTIVE AGENT**
[54] **MULTIPARTICULES EXTRUDEES A L'ETAT FONDU DESTINEES A LA LIBERATION CONTROLEE D'UN AGENT ACTIF**
[72] HAYES, GEOFFREY GERARD, GB
[72] DANAGHER, HELEN KATHLEEN, GB
[72] MOHAMMAD, HASSAN, GB
[72] PRATER, DEREK ALLAN, GB
[72] TAMBER, HARJIT, GB
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[54] **MAPPING OF COMPLEX FRACTIONATED ATRIAL ELECTROGRAM**
[54] **CARTOGRAPHIE D'ELECTROGRAMME ATRIAL FRACTIONNE COMPLEXE**
[72] PORATH, JOSHUA, IL
[72] ABBO, AHARON, IL
[72] TURGEMAN, AHARON, IL
[72] NADEMANEE, KOONLAWEE, US
[73] BIOSENSE WEBSTER, INC., US
[86] (2573691)
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[54] **ANTICORPS DIRIGES CONTRE CD38 POUR LE TRAITEMENT DU MYELOME MULTIPLE**
[72] WEERS, MICHEL DE, NL
[72] GRAUS, YVO, NL
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[72] PARREN, PAUL, NL
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[54] **PRODUCT RECOMMENDATIONS BASED ON COLLABORATIVE FILTERING OF USER DATA**
[54] **RECOMMANDATIONS DE PRODUIT FONDEES SUR LE FILTRAGE COLLABORATIF DE DONNEES UTILISATEUR**
[72] STOPPELMAN, MICHAEL, US
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[54] **COVER SHEET MEMBER FOR PILL RECEPTACLES AND METHOD OF SEALING A PILL RECEPTACLE WITH A COVER SHEET MEMBER**
[54] **FEUILLE DE PROTECTION POUR PILULIERS, ET METHODE DE SCELLEMENT DE PILULIER AVEC LADITE FEUILLE**
[72] BOURQUE, GILLES, CA
[73] RICHARDS PACKAGING INC., CA
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[54] **MULTISYSTEM BIOMETRIC TOKEN**
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[72] POPOWSKI, PAUL M., US
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[54] **SCREENING FOR ANTI-CANCER COMPOUNDS USING NETRIN-1 ACTIVITY**
[54] **CRIBLAGE DE COMPOSES ANTICANCEREUX EN UTILISANT L'ACTIVITE DE LA NETRINE-1**
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[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
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[72] COYNE, MARTIN M., III, US
[72] KOPF, GLENN D., US
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[54] **DATA MANAGEMENT SYSTEM**
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[72] SMITH, GERALD W., US
[72] LUNA, JOSEPH L., US
[72] ROBINSON, THOMAS C., US
[72] WULF, PAUL A., JR., US
[72] BENCHIKHA, HACENE, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] ANALOGUES PEPTIDIQUES DE T-140 PRESENTANT UNE ACTIVITE SUPERAGONISTE PAR RAPPORT A CXCR4 DESTINES A UNE EXTRACTION DE MOELLE OSSEUSE
[72] PELED, AMNON, IL
[72] BEGIN, MICHAL, IL
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[54] MARQUEURS DE PRONOSTIC POUR LA CLASSIFICATION DE CARCINOMES COLORECTAUX SUR LA BASE DE PROFILS D'EXPRESSION D'ECHANTILLONS BIOLOGIQUES.
[72] HINZMANN, BERND, DE
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[72] MAYR, TOBIAS, DE
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[54] ANTICORPS MONOCLONAL ANTI-LAG-3 CYTOTOXIQUE ET SON UTILISATION DANS LE TRAITEMENT OU LA PREVENTION D'UN REJET DU GREFFON D'ORGANE ET DE MALADIES AUTO-IMMUNES
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[72] VANHOVE, BERNARD, FR
[72] HAUDEBOURG, THOMAS, FR
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[54] NOUVEAU GENE GPIIIA
[72] TANIUE, ATSUKO, JP
[72] ISHII, HIROYUKI, JP
[72] MAEKAWAJIRI, SHINJI, JP
[72] NAGATA, NOZOMI, JP
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[25] EN
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[54] .BETA.GBP, COMPOSITIONS COMPRENANT DE LA .BETA.GPB, PROCEDES ASSOCIES ET UTILISATIONS DE CELLE-CI
[72] MALLUCCI, LIVIO, GB
[72] WELLS, VALERIE, GB
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[54] SEMI-DIRECT VARIABLE SPEED DRIVE WITH N+1 POWER AVAILABILITY
[54] ENTRAINEMENT SEMI-DIRECT A VITESSE VARIABLE AVEC DISPONIBILITE DE PUISSANCE N+1
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[72] VAN DER NAT, CLEMENS GERARDUS JOHANNES MARIA, NL
[72] BURGER, PIETER CORNELIS, NL
[73] BLUEWATER ENERGY SERVICES B.V., NL
[86] (2695098)
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[72] FROHBERG, CLAUS, DE
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[54] **METHODS AND DEVICES FOR PROVIDING INSPIRATORY AND EXPIRATORY FLOW RELIEF DURING VENTILATION THERAPY**
[54] **PROCEDES ET DISPOSITIFS PERMETTANT D'ASSISTER LE FLUX D'INSPIRATION ET D'EXPIRATION DANS UNE THERAPIE PAR VENTILATION**
[72] WONDKA, ANTHONY, US
[72] KAPUST, GREGORY, US
[73] BREATHE TECHNOLOGIES, INC., US
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[54] **SKELETAL MUSCLE AUGMENTATION UTILIZING MUSCLE-DERIVED PROGENITOR COMPOSITIONS, AND TREATMENTS THEREOF**
[54] **AUGMENTATION DE MUSCLE SQUELETTIQUE AU MOYEN DE COMPOSITIONS PROGENITRICES DERIVEES DE MUSCLE ET TRAITEMENTS ASSOCIES**
[72] PAYNE, THOMAS, US
[72] PRUCHNIC, RYAN, US
[72] JANKOWSKI, RONALD, US
[73] UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2010-03-31
[86] 2008-10-03 (PCT/US2008/011458)
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[51] **Int.Cl. C12N 5/071 (2010.01) C12N 5/0735 (2010.01)**
[25] EN
[54] **IMPROVED METHODS OF PRODUCING RPE CELLS AND COMPOSITIONS OF RPE CELLS**
[54] **PROCEDES AMELIORES POUR LA PRODUCTION DE CELLULES RPE ET DE COMPOSITIONS DE CELLULES RPE**
[72] MALCUIT, CHRISTOPHER, US
[72] LEMIEUX, LINDA, US
[72] HOLMES, WILLLIAM, US
[72] HUERTAS, PEDRO, US
[72] VILNER, LUCY, US
[73] ASTELLAS INSTITUTE FOR REGENERATIVE MEDICINE, US
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[86] 2008-10-10 (PCT/US2008/011669)
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[54] **PROCESSOR-IMPLEMENTED METHOD AND SYSTEM FOR FACILITATING A USER-INITIATED CLINICAL STUDY TO DETERMINE THE EFFICACY OF AN INTERVENTION**
[54] **METHODE MISE EN PLACE PAR UN PROCESSEUR ET SYSTEME FACILITANT UNE ETUDE CLINIQUE LANCEE PAR UN UTILISATEUR AFIN DE DETERMINER L'EFFICACITE D'UNE INTERVENTION**
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[54] **METHOD, COMPOSITION, AND ARTICLE OF MANUFACTURE FOR PROVIDING ALPHA-1 ANTITRYPSIN**
[54] **PROCEDE, COMPOSITION ET ARTICLE FABRIQUE POUR ADMINISTRER L'ALPHA 1-ANTITRYPSINE**
[72] ARORA, VIKRAM, US
[72] PAMARTHI, MOHAN, US
[72] SCUDERI, PHILIP, US
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[54] **OPTICAL SENSOR FOR DETERMINING THE CONCENTRATION OF AN ANALYTE**
[54] **CAPTEUR OPTIQUE POUR DETERMINER LA CONCENTRATION D'UNE SUBSTANCE A ANALYSER**
[72] AMOSOV, ARKADY, RU
[72] IZVARINA, NATALIA, RU
[72] KRAVETZ, SERGEY, IL
[72] SCHULTZ, PETER, US
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[54] **FORMULATION ET PROCEDE POUR UN TRAITEMENT DENTAIRE**
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[54] **MATERIAUX ABRASIFS D'ORIGINE BIOLOGIQUE**
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[54] **SYSTEMES ET PROCEDES DE CONTROLE A DISTANCE DU NIVEAU D'UN RESERVOIR**
[72] BIGNOLD, LESLIE J., CA
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[72] LAPIERRE, ALEXANDRE, CA
[73] 9223-5183 QUEBEC INC., CA
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[54] **PROCEDES ET COMPOSITIONS LIES A DES EPREUVES MULTIPLEXES PERMETTANT DE DETECTER UN GAIN ET UNE PERTE D'ADN GENOMIQUES**
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[72] FILIPPOV, ANDREY V., US
[72] MATTHEWS, HAZEL B., III, US
[72] REDING, BRUCE WARREN, US
[72] SHEPARD, BRADLEY KENT, US
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[72] GILMER, JOHN FRANCIS, IE
[72] CLUNE-MORIARTY, LOUISE, IE
[72] LALLY, MAEVE, IE
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[54] **RELIABLE AND NON-MANIPULATABLE PROCESSING OF DATA STREAMS IN A RECEIVER**
[54] **TRAITEMENT DES FLUX DE DONNEES FIABLE ET NON MANIPULABLE DANS UN RECEPTEUR**
[72] WAJS, ANDREW AUGUSTINE, NL
[72] VAN FOREEST, ARNOUD EVERT, NL
[72] DEKKER, GERARD JOHAN, NL
[72] CURTIN, BRUCE VICTOR, NL
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[54] **COMPOSITIONS COMPRISING EXTRACTS OF BIOTA ORIENTALIS AND USE THEREOF FOR TREATING CARTILAGE DEGRADATION**
[54] **COMPOSITIONS RENFERMANT DES EXTRAITS DE BIOTA ORIENTALIS ET SON UTILISATION POUR LE TRAITEMENT DE LA DEGRADATION DE CARTILAGE**
[72] BRIGHT, DAN, AU
[73] DACY TECH PTY LTD, AU
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[54] **CONTENANTS MOULES PAR INJECTION**
[72] HUBER, ANDREAS, AT
[72] HUBER, MARKUS, AT
[72] HUBER, SIMONE, AT
[72] VAN DIEPEN, JACOBUS SIMON PETRUS, DE
[72] WIEDEMANN, RALF, IT
[73] RECKITT BENCKISER FINISH B.V., NL
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[54] **IMMUNOGENIC PEPTIDES AND THEIR USE IN PREVENTING OR TREATING ALLOGRAFT REJECTION**
[54] **PEPTIDES IMMUNOGENES ET LEUR UTILISATION POUR LA PREVENTION OU LE TRAITEMENT DU REJET D'UNE ALLOGREFFE**
[72] SAINT-REMY, JEAN-MARIE, BE
[73] LIFE SCIENCES RESEARCH PARTNERS VZW, BE
[73] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
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[54] **SYSTEME DE SPECTROSCOPIE RAMAN A MICROCANAUX BASE SUR UNE SONDE A FIBRE**
[72] ASHOK, PRAVEEN CHERIYAN, GB
[72] SINGH, GAJENDRA PRATAP, GB
[72] DHOLAKIA, KISHAN, GB
[72] TAN, KHAI, GB
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[54] **INSERTABLE MEDICAL DEVICES HAVING MICROPARTICULATE-ASSOCIATED ELASTIC SUBSTRATES AND METHODS FOR DRUG DELIVERY**
[54] **DISPOSITIFS MEDICAUX INSERABLES PRESENTANT DES SUBSTRATS ELASTIQUES ASSOCIES A DES MICROPARTICULES, ET PROCEDES D'ADMINISTRATION DE MEDICAMENTS**
[72] ARPS, JAMES H., US
[72] BACH, ANDREW G., US
[73] SURMODICS, INC., US
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[54] **GENERATION OF MODIFIED POLYMERASES FOR IMPROVED ACCURACY IN SINGLE MOLECULE SEQUENCING**
[54] **GENERATION DE POLYMERASES MODIFIEES POUR UNE PRECISION AMELIOREE DANS LE SEQUENCAGE D'UNE SEULE MOLECULE**
[72] CLARK, SONYA, US
[72] BIBILLO, AREK, US
[72] PELUSO, PAUL, US
[72] CHRISTIANS, FRED, US
[72] HE, MOLLY, US
[72] PARK, INSIL, US
[72] LEE, HAROLD, US
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[72] JIA, LEI, US
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[54] **COMPOSITIONS COMPRISING 2,3-DICHLORO-1,1,1-TRIFLUOROPROPANE, 2-CHLORO-1,1,1-TRIFLUOROPROPENE, 2-CHLORO-1,1,1,2-TETRAFLUOROPROPANE OR 2,3,3,3-TETRAFLUOROPROPENE**
[54] **COMPOSITIONS COMPRENANT DU 2,3-DICHLORO-1,1,1-TRIFLUOROPROPANE, DU 2-CHLORO-1,1,1-TRIFLUOROPROPENE, DU 2-CHLORO-1,1,1,2-TETRAFLUOROPROPANE OU DU 2,3,3,3-TETRAFLUOROPROPENE**
[72] MAHLER, BARRY ASHER, US
[72] NAPPA, MARIO JOSEPH, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **SYSTEMS AND METHODS FOR PERFORMING MEASUREMENTS OF ONE OR MORE MATERIALS**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'EFFECTUER DES MESURES D'UN OU DE PLUSIEURS MATERIAUX**
[72] ROTH, WAYNE D., US
[72] CALVIN, EDWARD A., US
[72] COLLINS, CHARLES J., US
[72] DEICHER, WILLIAM R., US
[72] KRAGER, JARDEN E., US
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[72] JOHNSON, ROSS G., US
[72] BOZARTH, COLIN D., US
[72] SELVARAJ, VICTOR, US
[72] SMITH, ERIC D., US
[72] ARAB, NICOLAS F., US
[72] BERNARD, BRUCE J. C., US
[72] CONNER, DONALD A., US
[72] ROACH, ROBERT S., US
[72] SMITH, DAVID L., US
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[54] **APPARATUS AND PROCESS FOR PREPARING FROZEN CONFECTIONERY PRODUCTS**
[54] **APPAREIL ET PROCEDE POUR LA CONFECTION DE PRODUITS DE CONFISERIE CONGELES**
[72] FARINA, ANTONIO, IT
[73] UNILEVER PLC, GB
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[54] **METHOD FOR DERIVING HEALTH PROFILES FROM INFORMATION OBTAINED FROM ORAL CARE IMPLEMENTS**
[54] **PROCEDE DESTINE A ETABLIR DES PROFILS DE SANTE D'APRES DES INFORMATIONS OBTENUES A PARTIR D'ARTICLES D'HYGIENE BUCCALE**
[72] GATZEMEYER, JOHN J., US
[72] GITTINS, ELIZABETH K., US
[72] JIMENEZ, EDUARDO J., US
[72] KENNEDY, SHARON, US
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[72] MACGILL, JAMES ROBERT, US
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[72] SYMONDS, DAVID, AU
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[54] **PARCOMETRE A ESPACE SIMPLE ET MECANISME DEPOSABLE DE PARCOMETRE A ESPACE SIMPLE**
[72] MACKAY, GEORGE ALLAN, CA
[72] CHAUVIN, GREGORY EMILE, CA
[72] MCLARTY, SHAMUS JOHN ANGUS, CA
[73] J.J. MACKAY CANADA LIMITED, CA
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[54] **PROVIDING FEEDBACK ABOUT AN IMAGE OF A FINANCIAL DOCUMENT**
[54] **METHODE DE FOURNITURE D'UNE RETROACTION RELATIVE A UNE IMAGE D'UN DOCUMENT FINANCIER**
[72] SNOW, DAVID J., US
[72] FARWELL, BRIAN W., US
[72] EFTEKHARI, AMIR, US
[72] HOWE, CAROL A., US
[73] INTUIT INC., US
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[25] EN
[54] **NEW METHOD FOR IDENTIFYING COMPOUNDS USEFUL FOR TREATING AND/OR PREVENTING DISEASE - ASSOCIATED BONE LOSS**
[54] **NOUVEAU PROCEDE POUR IDENTIFIER DES COMPOSES UTILISES DANS LE TRAITEMENT OU LA PREVENTION DE MALADIES ASSOCIEES A LA PERTE OSSEUSE**
[72] BLANGY, ANNE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
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[54] **CHIMIOPREVENTION DE CARCINOME A CELLULES SQUAMEUSES DE LA TETE ET DU COU**
[72] GUTKIND, J. SILVIO, US
[72] AMORNPHIMOLTHAM, PANOMWAT, US
[72] PATEL, VYOMESH, US
[72] MOLINOLO, ALFREDO, US
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[54] **ARRANGEMENT FOR DIRECTING A LIGHTNING CURRENT WITHIN A WIND TURBINE**
[54] **DISPOSITIF POUR DIRIGER UN COURANT DE FOUDRE DANS UN GENERATEUR EOLIEN**
[72] MUNK-HANSEN, THORKIL, DK
[72] NIELSEN, RUNE, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **COMPOSITIONS AND METHODS FOR TREATING INFLUENZA**
[54] **COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DE LA GRIPPE**
[72] TORRES, JOSE V., US
[72] ANDERSON, DAVID E., US
[72] DIAZ-MITOMA, FRANCISCO, CA
[72] OGREL, ANDREI, CA
[73] VARIATION BIOTECHNOLOGIES INC., CA
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[54] **AUTHORIZATION OF SERVER OPERATIONS**
[54] **AUTORISATION D'OPERATIONS DE SERVEUR**
[72] BAENTSCH, MICHAEL, CH
[72] BUHLER, PETER, CH
[72] EIRICH, THOMAS, CH
[72] HERMANN, RETO, CH
[72] HOERING, FRANK, CH
[72] KRAMP, THORSTEN, CH
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[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[25] EN
[54] **PERSONAL COMPLIANCE DISPENSER**
[54] **DISTRIBUTEUR PERSONNEL EN FONCTION D'OBSERVANCE**
[72] OPHARDT, HEINER, CA
[73] GOTOHTI.COM INC., CA
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[54] **COMPOSITIONS DESTINEES AU TRAITEMENT OU AU SOULAGEMENT DE MALADIES CUTANEES OU DE TROUBLES ASSOCIES A UNE AMPLIFICATION DU TAUX DE PEPTIDES ET DE PROTEINES ANTIMICROBIENS**
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[72] CHANTELOUBE, FRANCOISE, FR
[72] LOISEAU, ALAIN, FR
[72] PETIT, VIRGINIE, FR
[72] THERON, ERIC, FR
[73] SOCIETE D'EXPLOITATION DE PRODUITS POUR LES INDUSTRIES CHIMIQUES SEPPIC, FR
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[54] **CONVECTION AND STEAM OVEN COMPRISING A HUMIDITY DETECTION AND REGULATION SYSTEM**
[54] **FOUR, A CONVECTION ET A VAPEUR MUNI D'UN DETECTEUR D'HUMIDITE ET D'UN SYSTEME DE REGULATION**
[72] GIAZZON, PAOLO, IT
[72] TESSER, MASSIMO, IT
[72] FONTANA, PAOLO, IT
[72] CANDIAGO, PAOLO, IT
[73] GIORIK S.P.A., IT
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[54] **MANCHON DE RACCORD ANTIVIBRATIONS**
[72] WADE, RYAN C., US
[72] BALDWIN, BRENDON A., US
[72] GALLUSSER, DAVID OTIS, US
[73] AMPHENOL CORPORATION, US
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[72] WIELAND, MARTIN, DE
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[72] SCOTT, GEORGE R., CA
[72] HEAD, BRIAN P., CA
[72] SPEIRS, BRIAN C., CA
[72] BOONE, THOMAS J., CA
[72] PERLAU, DARREL L., CA
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[73] IMPERIAL OIL RESOURCES LIMITED, CA
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[54] **AMENAGEMENT DE RANGEMENT DE PRODUITS PHARMACEUTIQUES SOUMIS A UNE DEMANDE DE FREQUENCE DIFFERENTE**
[72] HAWKES, KIMBERLY, US
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[73] REMEDI TECHNOLOGY HOLDINGS, LLC, US
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[54] **OBTURATEUR INTRAMAMMAIRE DE MAMELLE**
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[72] HOLMES, ROBERT, NZ
[72] JOHNSON, ALAN, NZ
[72] GOSWAMI, JITENDRA, NZ
[72] AWASTHI, ATUL, NZ
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[54] **PROCEDE DE FABRICATION D'ELEMENTS DE RENFORT CREUX**
[72] BOTTERO, LUCA, IT
[72] DUCCINI, GIANNI, IT
[72] GREGORI, MASSIMO, IT
[72] MIDALI, ALBERTO, IT
[73] ALENIA AERMACCHI S.P.A., IT
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[54] ADMINISTRATION PAR VOIE PULMONAIRE DE DOMAINES VARIABLES UNIQUES D'IMMUNOGLOBULINES ET DE CONSTRUCTIONS ASSOCIEES
[72] BOUCHE, MARIE-PAULE LUCIENNE ARMANDA, BE
[72] VANLANDSCHOOT, PETER, BE
[72] SABLON, ERWIN, BE
[72] DEPLA, ERIK, BE
[72] DE BUCK, STEFAN, CH
[72] SAELENS, XAVIER, BE
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[72] RUPTASH, DEAN, CA
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[72] CAMPS, RYAN D., US
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[72] OZANNE, MATTHIEU, CH
[73] NESTEC S.A., CH
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[54] PROCEDE DE GAZEIFICATION A HAUTE TEMPERATURE AVEC DE LA BIOMASSE ET SYSTEME CORRESPONDANT
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[72] ZHANG, SHIRONG, CN
[72] SUN, QIN, CN
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[54] PROCEDES ET AGENCEMENTS DE TRAITEMENT MULTIMEDIA
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[72] RODRIGUEZ, TONY F., US
[73] DIGIMARC CORPORATION, US
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[54] DISPOSITIF DE LEVAGE A TAMPON ABSORBANT JETABLE.
[72] LOVE, DAN, US
[72] SMITH, SCOTT A., US
[72] MASKREY, STEVE A., US
[72] BOTTCHER, PAUL L., US
[73] MEDLINE INDUSTRIES, INC., US
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[54] **TRANSPORT DE MACHINERIE AGRICOLE ENTIEREMENT A ROUES ORIENTABLES SUR 180 DEGRES**
[72] SMITH, DAVID R., US
[73] UNVERFERTH MANUFACTURING COMPANY INC., US
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[54] **APPARATUS AND METHOD FOR PENETRATING CEMENT SURROUNDING A TUBULAR**
[54] **APPAREIL ET METHODE DE PENETRATION DU CIMENT ENTOURANT UN TUBE**
[72] ANTONSEN, ROGER, NO
[72] BRAEKKE, KRISTOFFER, NO
[73] I-TEC AS, NO
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[54] **CONTENANT DE DECHETS A VERROU AMELIORE**
[72] FOSTER, DERICK, US
[73] REHRIG PACIFIC COMPANY, US
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[54] **PHARMACEUTICAL COMPOSITION COMPRISING A SGLT2 INHIBITOR, A DPP-IV INHIBITOR AND OPTIONALLY A FURTHER ANTIDIABETIC AGENT AND USES THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT UN INHIBITEUR SGLT-2, UN INHIBITEUR DPP-IV ET FACULTATIVEMENT UN AUTRE AGENT ANTIDIABETIQUE ET SES UTILISATIONS**
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[72] MARK, MICHAEL, DE
[72] SEMAN, LEO JOHN, US
[72] THOMAS, LEO, DE
[72] BROEDL, ULI, DE
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[54] **BETA-GALACTOSIDASE ACTIVE A FROID, SON PROCEDE DE FABRICATION ET UTILISATION D'UNE TELLE ENZYME**
[72] STOUGAARD, PETER, DK
[72] SCHMIDT, MARIANE, DK
[73] COLDZYMES APS, DK
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[54] **METHOD FOR CONFIGURING AN ADAPTIVE PROCESSING OF PRIMARY SIGNALS BY THE TRANSMISSION OF SECONDARY SPREAD-FREQUENCY SIGNALLING SIGNALS**
[54] **METHODE PERMETTANT LA CONFIGURATION D'UN TRAITEMENT ADAPTATIF DE SIGNAUX PRIMAIRES AU MOYEN DE LA TRANSMISSION DE SIGNAUX DE SIGNALISATION SECONDAIRES A FREQUENCE ETALEE**
[72] CORBEL, ERWAN, FR
[72] BAUDOIN, CEDRIC, FR
[72] DERVIN, MATHIEU, FR
[72] FARAJ, ZAKARIYA, FR
[73] THALES, FR
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[54] PROCEDE DE CARACTERISATION D'UN SYSTEME ELECTRIQUE PAR SPECTROSCOPIE D'IMPEDANCE
[72] TURPIN, CHRISTOPHE, FR
[72] RAKOTONDRAINIBE, ANDRE, FR
[72] PHILIPPOTEAU, VINCENT, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[73] HELION, FR
[73] INSTITUT NATIONAL POLYTECHNIQUE DE TOULOUSE, FR
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[54] DISPOSITIF MUNI D'UN ECHANGEUR DE CHALEUR ET METHODE D'EXPOITATION D'UN ECHANGEUR DE CHALEUR D'INSTALLATION DE PRODUCTION DE VAPEUR
[72] RAVEN, ROBERT VON, DE
[72] SEITZ, ALEXANDER, DE
[72] MARTIN, JOHANNES, DE
[73] MARTIN GMBH FUER UMWELT- UND ENERGIETECHNIK, DE
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[25] EN
[54] ADDITION SALTS OF AMINES CONTAINING HYDROXYL AND/OR CARBOXYLIC GROUPS WITH AMINO NICOTINIC ACID DERIVATIVES AS DHODH INHIBITORS
[54] SELS D'ADDITION D'AMINES CONTENANT DES GROUPES HYDROXYLE ET/OU CARBOXYLE AVEC DES DERIVES D'ACIDE AMINO-NICOTINIQUE, COMME INHIBITEURS DE LA DHODH
[72] PEREZ GARCIA, JUAN BAUTISTA, ES
[72] CARRERA CARRERA, FRANCESC, ES
[72] GARCIA MARTIN, DIGNA JOSE, ES
[72] BOIX BERNARDINI, MARIA CARMEN, ES
[73] ALMIRALL, S.A., ES
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[72] HASSELL, JON P., US
[73] REHRIG PACIFIC COMPANY, US
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[54] COMPOSITIONS D'ENROBAGE DE GRAINE ET PROCEDES POUR APPLIQUER DES AGENTS TENSIO-ACTIFS DE SOL A UN SOL HYDROFUGE
[72] MADSEN, MATTHEW D., US
[72] PETERSEN, STEVEN L., US
[72] TAYLOR, ALAN G., US
[73] BRIGHAM YOUNG UNIVERSITY, US
[73] CORNELL UNIVERSITY, US
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[54] ANTAGONISTIC IL-17B RECEPTOR (IL-17BR) ANTIBODY
[54] ANTICORPS ANTAGONISTE DU RECEPTEUR IL-17B (IL-17BR)
[72] MCKENZIE, ANDREW NEIL JAMES, GB
[72] NEILL, DANIEL, GB
[73] MEDICAL RESEARCH COUNCIL, GB
[85] 2011-09-29
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[54] **AFFECTATION D'UNE PORTEUSE DE COMPOSANT D'EQUIPEMENT UTILISATEUR**
[72] CAI, ZHIJUN, US
[72] YU, YI, US
[73] BLACKBERRY LIMITED, CA
[85] 2011-09-29
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[25] EN
[54] **OCULAR SURFACE INTERFEROMETRY (OSI) DEVICES, SYSTEMS, AND METHODS FOR IMAGING, PROCESSING, AND/OR DISPLAYING AN OCULAR TEAR FILM AND/OR MEASURING OCULAR TEAR FILM LAYER THICKNESS(ES)**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES D'INTERFEROMETRIE DE SURFACE OCULAIRE (OSI) POUR IMAGER, TRAITER ET/OU AFFICHER UN FILM LACRYMAL OCULAIRE ET/OU MESURER UNE EPAISSEUR DE COUCHE DE FILM LACRYMAL OCULAIRE (ES)**
[72] KORB, DONALD R., US
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[73] TOTAL RAFFINAGE MARKETING, FR
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[54] **CAMERA FLASH FOR IMPROVED COLOR BALANCE**
[54] **FLASH DE CAMERA POUR UN MEILLEUR EQUILIBRE DES COULEURS**
[72] WANG, QIAN, CA
[72] CHOI, YUN SEOK, CA
[72] TOWNSEND, GRAHAM, US
[72] TANG, SUI TONG, CA
[73] BLACKBERRY LIMITED, CA
[86] (2771851)
[87] (2771851)
[22] 2012-03-16
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[54] **BEVERAGE MACHINE FOR A NETWORK**
[54] **MACHINE A BOISSONS POUR UN RESEAU**
[72] YOAKIM, ALFRED, CH
[72] AGON, FABIEN LUDOVIC, CH
[73] NESTEC S.A., CH
[85] 2012-02-24
[86] 2010-09-01 (PCT/EP2010/062781)
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[25] EN
[54] **ELECTRIC VEHICLE AND ON-BOARD BATTERY CHARGING APPARATUS THEREFORE**
[54] **VEHICULE ELECTRIQUE ET APPAREIL ASSOCIE DE CHARGEMENT DE BATTERIE A BORD**
[72] WENGER, URS, CH
[72] KOHLER, BEAT RENE, CH
[72] JENNI, NANS-RUDOLPH, CH
[73] SWISSAUTO POWERSPORT LLC, CH
[85] 2012-03-05
[86] 2010-09-16 (PCT/US2010/049167)
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[30] EP (09170400.7) 2009-09-16
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[25] EN
[54] **HANDLE AND LOCKING MECHANISM**
[54] **POIGNEE ET MECANISME DE VERROUILLAGE**
[72] MAGUIRE, CARY, US
[73] TELEZYGOLOGY INC., US
[85] 2012-03-08
[86] 2010-09-08 (PCT/US2010/048106)
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[51] **Int.Cl. G06Q 20/32 (2012.01) H04W 4/24 (2018.01) H04W 84/18 (2009.01) H04B 5/00 (2006.01)**
[25] EN
[54] **PAYMENT PROCESSING SYSTEM INCLUDING MOBILE WIRELESS COMMUNICATIONS DEVICE TO SEND A PAYMENT CONFIRMATION TO A TRANSACTION TERMINAL AND ASSOCIATED METHODS**
[54] **SYSTEME DE TRAITEMENT DE PAIEMENTS COMPRENANT UN APPAREIL DE COMMUNICATION SANS FIL PORTATIF POUR TRANSMETTRE LA CONFIRMATION DE PAIEMENT A UN TERMINAL DE TRANSACTION ET METHODES CONNEXES**
[72] GRIFFIN, JASON TYLER, CA
[72] LITTLE, HERBERT ANTHONY, CA
[73] BLACKBERRY LIMITED, CA
[86] (2773760)
[87] (2773760)
[22] 2012-04-05
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[54] **CATALYSTS FOR THE PREPARATION OF METHYLPYRIDINE**
[54] **CATALYSEURS DESTINES A LA PREPARATION DE METHYLPYRIDINE**
[72] PIANZOLA, DANIEL, CH
[72] SIEGRIST, WALTER, CH
[73] LONZA LTD, CH
[85] 2012-03-20
[86] 2010-10-12 (PCT/EP2010/006203)
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[25] EN
[54] **LIPOSOME HAVING INNER WATER PHASE CONTAINING SULFOBUTYL ETHER CYCLODEXTRIN SALT**
[54] **LIPOSOME AYANT UNE PHASE AQUEUSE INTERNE CONTENANT DU SEL DE SULFOBUTYLETHER-CYCLODEXTRINE**
[72] LI, CHUNLEI, CN
[72] ZHANG, LAN, CN
[72] WANG, CAIXIA, CN
[72] ZHANG, LI, CN
[72] SHEN, DONGMIN, CN
[72] LI, YANHUI, CN
[72] XIU, XIAN, CN
[72] LIANG, MIN, CN
[72] LI, YONGFENG, CN
[73] CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHUANG) CO., LTD., CN
[85] 2012-04-05
[86] 2010-10-26 (PCT/CN2010/078115)
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[25] EN
[54] **USE OF TOLL-LIKE RECEPTOR AND AGONIST FOR TREATING CANCER**
[54] **UTILISATION DE RECEPTEUR DE TYPE TOLL ET AGONISTE POUR LE TRAITEMENT DU CANCER**
[72] GUDKOV, ANDREI V., US
[73] ROSWELL PARK CANCER INSTITUTE, US
[73] PANACELA LABS, LLC, RU
[85] 2012-03-21
[86] 2010-10-06 (PCT/US2010/051646)
[87] (WO2011/044246)
[30] US (61/249,253) 2009-10-06
[30] US (61/249,596) 2009-10-07

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[51] **Int.Cl. G02B 7/28 (2006.01) G01M 11/00 (2006.01) G02B 21/24 (2006.01)**
[25] EN
[54] **AUTOFOCUS APPARATUS**
[54] **APPAREIL DE FOCALISATION AUTOMATIQUE**
[72] BROOKER, JEFFREY S., US
[73] THORLABS, INC., US
[85] 2012-04-11
[86] 2010-10-16 (PCT/US2010/052981)
[87] (WO2011/047365)
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[25] EN
[54] **SHORT AND ULTRA-SHORT BASELINE PHASE MAPS**
[54] **CARTES DE PHASE A LIGNE DE BASE COURTE ET ULTRACOURTE**
[72] FENTON, PATRICK C., CA
[73] NOVATEL INC., CA
[85] 2012-04-16
[86] 2010-10-08 (PCT/CA2010/001576)
[87] (WO2011/044672)
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[25] EN
[54] **MULTI-CHAMBER BAG**
[54] **POCHE MULTI-COMPARTIMENT**
[72] BRANDL, MATTHIAS, DE
[72] LAFFAY, PHILIPPE, FR
[72] HERRENBAUER, MICHAEL, DE
[72] FICHERT, THOMAS, DE
[72] KUGELMANN, FRANZ, DE
[72] HOERMANN, JOERN, DE
[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2012-04-17
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[25] EN
[54] **NICKEL-COBALT-MANGANESE-BASED COMPOUND PARTICLES AND PROCESS FOR PRODUCING THE NICKEL-COBALT-MANGANESE-BASED COMPOUND PARTICLES, LITHIUM COMPOSITE OXIDE PARTICLES AND PROCESS FOR PRODUCING THE LITHIUM COMPOSITE OXIDE PARTICLES, AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY**
[54] **PARTICULES DE COMPOSE A BASE DE NICKEL-COBALT-MANGANESE ET PROCEDE DE PRODUCTION DE PARTICULES DE COMPOSE A BASE DE NICKEL-COBALT-MANGANESE, PARTICULES D'OXYDE COMPOSITE DE LITHIUM ET PROCEDE DE PRODUCTION DES PARTICULES D'OXYDE COMPOSITE DE LITHIUM ET BATTERIE SECONDAIRE A ELECTROLYTE NON AQUEUX**
[72] KOBINO, MASASHI, JP
[72] FUJITA, KATSUHIRO, JP
[72] FUJINO, SHOICHI, JP
[72] KAJIYAMA, AKIHISA, JP
[72] MASAKI, RYUTA, JP
[72] MORITA, DAISUKE, JP
[72] YAMAMURA, TAKAYUKI, JP
[72] KODAIRA, TETSUYA, JP
[72] YAMASAKI, MINORU, JP
[72] OKAZAKI, SEIJI, JP
[72] HIRAMOTO, TOSHIAKI, JP
[72] ITO, AKINO, JP
[72] ODA, WATARU, JP
[72] OKINAKA, KENJI, JP
[73] TODA KOGYO CORPORATION, JP
[85] 2012-04-19
[86] 2010-10-21 (PCT/JP2010/068640)
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[54] **STENT DEVICE DELIVERY SYSTEM AND METHOD OF MAKING SUCH**
[54] **SYSTEME D'ACHEMINEMENT DE DISPOSITIF STENT ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] DORN, JURGEN, DE
[72] FORSTER, MARKUS, DE
[72] DIETRICH, DANIEL, DE
[72] MAURER, ALEXANDER, DE
[72] ELSASSER, ERHARD, DE
[73] ANGIOMED GMBH & CO. MEDIZINTECHNIK KG, DE
[85] 2012-04-20
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[54] **IMPROVEMENTS IN DISTRIBUTED SENSING**
[54] **AMELIORATIONS APPORTEES A UNE DETECTION DISTRIBUEE**
[72] HILL, DAVID JOHN, GB
[72] MCEWEN-KING, MAGNUS, GB
[73] OPTASENSE HOLDINGS LIMITED, GB
[85] 2012-05-10
[86] 2010-11-11 (PCT/GB2010/002073)
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[51] **Int.Cl. A47J 31/36 (2006.01) A47J 31/06 (2006.01) A47J 31/44 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION MACHINES**
[54] **MACHINES DE PREPARATION DE BOISSONS**
[72] CARR, SIMON, GB
[72] BURTON-WILCOCK, GARY, GB
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2012-05-11
[86] 2010-11-12 (PCT/GB2010/002094)
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[30] GB (0919852.4) 2009-11-12

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[51] **Int.Cl. A61B 17/17 (2006.01)**
[25] EN
[54] **DRILL GUIDE FOR MOUNTING AN INTRAMEDULLARY ROD**
[54] **GUIDE-FORET POUR FIXER UNE TIGE INTRAMEDULLAIRE**
[72] ALINEJAD, MONA, GB
[72] DODD, CHRISTOPHER ALEXANDER, GB
[72] GOODFELLOW, JOHN WILLIAM (DECEASED), GB
[72] LLOYD, RUSSELL, GB
[72] MURRAY, DAVID WYCLIFFE, GB
[72] O'CONNOR, JOHN JOSEPH, GB
[73] OXFORD JOINT ANALYSIS LTD, GB
[73] WYCLIFFE MURRAY, DAVID, GB
[73] HUNSLEY, COLIN, GB
[73] BIOMET UK LIMITED, GB
[85] 2012-05-16
[86] 2010-11-17 (PCT/GB2010/002117)
[87] (WO2011/061489)
[30] GB (0920225.0) 2009-11-18

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[51] **Int.Cl. E21B 49/02 (2006.01) E21B 43/34 (2006.01) E21B 47/04 (2012.01) E21B 49/08 (2006.01)**
[25] EN
[54] **SYSTEM FOR ANALYSING GAS FROM STRATA BEING DRILLED UNDER HIGH MUD FLOWS**
[54] **SYSTEME D'ANALYSE DE GAZ ISSU DE STRATES EN COURS DE FORAGE SOUS HAUTS DEBITS DE BOUE**
[72] GRAY, IAN, AU
[73] GRAY, IAN, AU
[85] 2012-05-15
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[30] AU (2009905663) 2009-11-19

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[54] **METHOD FOR CREATING A SEALED JOINT BETWEEN AIRCRAFT PARTS**
[54] **PROCEDE POUR REALISER UNE JONCTION ETANCHE ENTRE DES PIECES D'AERONEF**
[72] DAZET, FRANCIS, FR
[73] AIRBUS OPERATIONS (SOCIETE PAR ACTIONS SIMPLIFIEE), FR
[85] 2012-05-23
[86] 2010-11-30 (PCT/FR2010/052578)
[87] (WO2011/064520)
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[54] **GOLD-COLORED THIN-FILM ELEMENT WITH MULTILAYER STRUCTURE**
[54] **ELEMENT A COUCHE MINCE DE COULEUR DOREE PRESENTANT UNE STRUCTURE MULTICOUCHE**
[72] LOCHBIHLER, HANS, DE
[73] GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH, DE
[85] 2012-05-24
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[87] (WO2011/082761)
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[25] EN
[54] **HUMANIZED ANTI-IL-10 ANTIBODIES FOR THE TREATMENT OF SYSTEMIC LUPUS ERYTHEMATOSUS (SLE)**
[54] **ANTICORPS ANTI-IL-10 HUMANISES DESTINES AU TRAITEMENT DU LUPUS ERYTHEMATEUX DISSEMINE (SLE)**
[72] OSTERROTH, FRANK, DE
[72] UHEREK, CHRISTOPH, DE
[72] BRUECHER, CHRISTOPH, DE
[72] ROETTGEN, PETER, DE
[72] DAELKEN, BENJAMIN, DE
[72] ENGLING, ANDRE, DE
[72] ZUBER, CHANTAL, DE
[72] CZELOTH, NIKLAS, DE
[73] BIOTEST AG, DE
[85] 2012-05-25
[86] 2010-11-30 (PCT/EP2010/068569)
[87] (WO2011/064399)
[30] GB (0920933.9) 2009-11-30
[30] GB (0920940.4) 2009-11-30
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[51] **Int.Cl. B26D 1/14 (2006.01)**
[25] EN
[54] **A ROTATIONALLY SYMMETRICAL TOOL FOR CUTTING MATERIAL SURFACES AND METHOD FOR THE PRODUCTION OF SUCH A TOOL**
[54] **OUTIL A SYMETRIE DE ROTATION POUR COUPER LES SURFACES DES MATERIAUX ET METHODE DE PRODUCTION D'UN TEL OUTIL**
[72] EISENBLAETTER, GERD, DE
[73] GERD EISENBLAETTER GMBH, DE
[86] (2783729)
[87] (2783729)
[22] 2012-07-25
[30] DE (102011108859.1) 2011-07-28

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[54] **HUMAN ANTIBODIES TO HUMAN ANGIOPOIETIN-LIKE PROTEIN 4**
[54] **ANTICORPS HUMAINS CONTRE LA PROTEINE ANALOGUE A L'ANGIOPOIETINE 4 HUMAINE**
[72] SLEEMAN, MARK W., US
[72] GUSAROVA, VIKTORIA, US
[72] KIM, JEE H., US
[72] CHEN, GANG, US
[73] REGENERON PHARMACEUTICALS, INC., US
[85] 2012-06-20
[86] 2010-12-23 (PCT/US2010/061987)
[87] (WO2011/079257)
[30] US (61/290,092) 2009-12-24
[30] US (61/306,359) 2010-02-19
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[25] EN
[54] **A HIGH PRESSURE FEEDER AND METHOD OF OPERATION TO FEED GRANULAR OR FINE MATERIALS**
[54] **ALIMENTATEUR HAUTE PRESSION ET PROCEDE DE FONCTIONNEMENT POUR ALIMENTER EN MATIERES EN GRAINS OU FINES**
[72] VIMALCHAND, PANNALAL, US
[72] PENG, WAN WANG, US
[72] LIU, GUOHAI, US
[73] SOUTHERN COMPANY SERVICES, INC., US
[85] 2012-06-21
[86] 2010-12-20 (PCT/US2010/061271)
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[25] EN
[54] **LIPIDS, LIPID COMPOSITIONS, AND METHODS OF USING THEM**
[54] **LIPIDES, COMPOSITIONS LIPIDIQUES, ET PROCEDES D'UTILISATION ASSOCIES**
[72] BARYZA, JEREMY, US
[72] BOWMAN, KEITH, US
[72] GEALL, ANDREW, US
[72] FAZAL, TANZINA, US
[72] LEE, CAMERON, US
[72] VARGEESE, CHANDRA, US
[72] WEST, LAURA, US
[72] ZHAO, JUNPING, US
[73] NOVARTIS AG, CH
[85] 2012-06-22
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[25] EN
[54] **FUEL MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GESTION DE CARBURANT**
[72] ADAMS, PETER W., GB
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2012-06-27
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[25] EN
[54] **MODIFIED TUBERCULOSIS ANTIGENS**
[54] **ANTIGENES MODIFIES DE LA TUBERCULOSE**
[72] BLAIS, NORMAND, CA
[72] BROWN, JAMES, US
[72] GELINAS, ANNE-MARIE, CA
[72] METTENS, PASCAL, BE
[72] MURPHY, DENNIS, US
[73] GLAXOSMITHKLINE BIOLOGICALS S.A., BE
[73] GLAXO GROUP LIMITED, GB
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[54] **MICRO-ELECTRO-MECHANICAL SYSTEM**
[54] **SYSTEME MICROELECTROMECANIQUE**
[72] STAMPER, ANTHONY, US
[72] JAHNES, CHRISTOPHER VINCENT, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2012-07-13
[86] 2011-06-15 (PCT/EP2011/059880)
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[30] US (61/358,621) 2010-06-25
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[54] **POLYTAG PROBES**
[54] **SONDES POLYTAG**
[72] FARRELL, MICHAEL, US
[72] JIANG, ZEYU, US
[72] DAY, WILLIAM A., JR., US
[73] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2012-07-18
[86] 2011-02-25 (PCT/US2011/026151)
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[30] US (61/308,670) 2010-02-26

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[25] EN
[54] **METHOD OF BIOMETRIC AUTHENTICATION, CORRESPONDING AUTHENTICATION SYSTEM AND PROGRAM**
[54] **PROCEDE D'AUTHENTIFICATION BIOMETRIQUE, SYSTEME D'AUTHENTIFICATION ET PROGRAMME CORRESPONDANT**
[72] NACCACHE, DAVID, FR
[73] INGENICO GROUP, FR
[85] 2012-07-20
[86] 2011-02-17 (PCT/EP2011/052349)
[87] (WO2011/101407)
[30] FR (1051216) 2010-02-19
[30] FR (1051464) 2010-03-01

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[54] **SYSTEME DE SOUDAGE A IMPULSION A FREQUENCE VARIABLE REFERENCEE SUR LA VITESSE D'AVANCE DU FIL**
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[72] NELSON, ANDREW D., US
[73] ILLINOIS TOOL WORKS INC., US
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[54] **PERFECTIONNEMENTS APPORTES A ET RELATIFS AUX MECANISMES DE FREINAGE**
[72] ALLINGTON, CHRISTOPHER JAMES, NZ
[72] DIEHL, ANDREW KARL, NZ
[72] ROBERTSON, BRUCE JOHN, NZ
[73] EDDY CURRENT LIMITED PARTNERSHIP, NZ
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[54] **DIGITAL CONTROLLER FOR A POWER CONVERTER**
[54] **COMMANDE NUMERIQUE POUR UN CONVERTISSEUR DE TENSION**
[72] KHAJEHODDIN, SAYED ALI, CA
[72] GHARTEMANI, MASOUD KARIMI, CA
[72] JAIN, PRAVEEN K., CA
[72] BAKSHAI, ALIREZA, CA
[73] SPARQ SYSTEMS, INC., CA
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[54] **VALVE SYSTEM**
[54] **SYSTEME DE SOUPAPE**
[72] TVEITEN, MAGNAR, NO
[72] KLEPPA, ERLING, NO
[72] STOKKA, OYVIND, NO
[72] SEVHEIM, OLE, NO
[73] PETROLEUM TECHNOLOGY COMPANY AS, NO
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[54] **MOULAGE CONTINU DE STRATIFIES THERMOPLASTIQUES**
[72] RUBIN, ALEXANDER M., US
[72] FOX, JAMES R., US
[72] WILKERSON, RANDALL D., US
[73] THE BOEING COMPANY, US
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[54] **METHOD AND APPARATUS FOR PROVIDING A STRUCTURAL CONDITION OF A STRUCTURE**
[54] **PROCEDE ET APPAREIL POUR DETERMINER UN ETAT STRUCTURAL D'UNE STRUCTURE**
[72] MASSON, PATRICE, CA
[72] MICHEAU, PHILIPPE, CA
[72] QUAEGEBEUR, NICOLAS, CA
[72] LANGLOIS DEMERS, DOMINIQUE, CA
[73] SOCPRA SCIENCES ET GENIE S.E.C., CA
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[54] **PROTECTIVE SWITCH WITH STATUS DETECTION**
[54] **COMMUTATEUR DE PROTECTION AVEC DETECTION D'ETAT**
[72] BALL, ROY, US
[73] ABB SCHWEIZ AG, CH
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[25] EN
[54] **BOTTOM-UP OPTIMIZED SEARCH SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE RECHERCHE OPTIMISEE ASCENDANTE**
[72] GONZALEZ, DARIO, US
[72] ONG, TAHCHUAN, US
[72] TAN, DARREN YEESOON, US
[72] MCCLURE, JONATHAN P., US
[72] MATTEO, SANTIAGO, US
[72] RAJARATHINAM, RAJENDERKUMAR, US
[73] SIX CONTINENTS HOTELS, INC., US
[85] 2012-09-05
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[54] **INTUITIVE COMPUTING METHODS AND SYSTEMS**
[54] **PROCEDE ET SYSTEME POUR LE CALCUL INFORMATISE INTUITIF**
[72] RHOADS, GEOFFREY B., US
[72] RODRIGUEZ, TONY F., US
[72] SHAW, GILBERT B., US
[72] DAVIS, BRUCE L., US
[72] ALLER, JOSHUA V., US
[72] CONWELL, WILLIAM Y., US
[73] DIGIMARC CORPORATION, US
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[54] **SYSTEM FOR CONDUCTING WELL TESTS**
[54] **SYSTEME PERMETTANT DE MENER DES TESTS DE PUITS**
[72] BRANDSDAL, VIGGO, NO
[72] LERBREKK, MORTEN, NO
[73] TCO AS, NO
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[54] **STABILIZED BIO-AVAILABLE SOLUBLE SILICATE SOLUTION**
[54] **SOLUTION DE SILICATE SOLUBLE BIODISPONIBLE STABILISE**
[72] ROOSE, PETER, BE
[72] DEMUYNCK, MARC, BE
[72] DE SAEGHER, JOHAN, BE
[72] RABASSE, JEAN-MICHEL, FR
[73] TAMINCO, BE
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[25] EN
[54] **SWITCH UNIT, METHOD FOR ASSEMBLING A SWITCH UNIT, AND CIRCUIT BREAKER FOR A MEDIUM VOLTAGE CIRCUIT**
[54] **UNITE DE COMMUTATION, PROCEDE D'ASSEMBLAGE D'UNE UNITE DE COMMUTATION ET DISJONCTEUR POUR CIRCUIT A TENSION MOYENNE**
[72] NOISETTE, PHILIPPE, FR
[72] ALPHAND, YOANN, FR
[72] HAEBERLIN, PHILIPPE, CH
[73] ABB SCHWEIZ AG, CH
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[54] **PIECE D'ANGLE POUR INTERCONNEXION MECANIQUE D'ELEMENTS DE CHASSIS**
[72] OETLINGER, FRANK E., US
[73] BLANKING SYSTEMS, INC., US
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[54] **TRAILER TONGUE CONNECTION UNIT**
[54] **UNITE DE RACCORDEMENT A LANGUETTE DE REMORQUE**
[72] MERCURE, ROGER, CA
[73] MERCURE, ROGER, CA
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[54] **HIGH LOAD UNIVERSAL JOINT FOR DOWNHOLE ROTARY STEERABLE DRILLING TOOL**
[54] **JOINT UNIVERSEL A CHARGE ELEVEE POUR OUTIL DE FORAGE DE FOND DE TROU ORIENTABLE ET ROTATIF**
[72] MENGER, CHRISTIAN, DE
[72] KEERY, IAIN, GB
[72] LEWIS, STEVEN, GB
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **PESTICIDAL COMPOSITIONS COMPRISING A CARBOXAMIDE COMPOUND AND DIAMIDE COMPOUND**
[54] **COMPOSITIONS PESTICIDES RENFERMANT UN COMPOSE CARBOXAMIDE ET UN COMPOSE DIAMIDE**
[72] MATSUZAKI, YUICHI, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2012-10-23
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[25] FR
[54] **VORTEX GENERATORS FOR GENERATING VORTICES UPSTREAM OF A CASCADE OF COMPRESSOR BLADES**
[54] **GENERATEURS DE TOURBILLONS EN AMONT D'UNE GRILLE D'AUBES DE COMPRESSEUR**
[72] DOMERCQ, OLIVIER STEPHANE, FR
[72] PERROT, VINCENT PAUL GABRIEL, FR
[72] PESTEIL, AGNES, FR
[73] SNECMA, FR
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[25] EN
[54] **PROCESS FOR PREPARING 2-(2-TERT-BUTYLAMINOETHOXY)ETHANOL (TERT-BUTYLAMINODIGLYCOL, TBADG)**
[54] **PROCEDE DE PREPARATION DE 2-(2-TERT.-BUTYLAMINO-ETHOXY)-ETHANOL (TERT.-BUTYLAMINODIGLYCOL, TBADG)**
[72] BOU CHEDID, ROLAND, DE
[72] MELDER, JOHANN-PETER, DE
[72] BRUGHMANS, STEVEN, DE
[72] KATZ, TORSTEN, DE
[73] BASF SE, DE
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[54] **TOPICAL GEL-BASED COMPOSITIONS**
[54] **COMPOSITIONS TOPIQUES A BASE DE GEL**
[72] FOLEY, BOB, US
[73] MARY KAY INC., US
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[25] EN
[54] **SUCTION CONNECTION FOR CONNECTING A SUCTION PIPE TO A DRY INSTALLED CENTRIFUGAL PUMP**
[54] **RACCORD D'ASPIRATION POUR RACCORDER UN TUYAU D'ASPIRATION A UNE POMPE CENTRIFUGE INSTALLEE EN FOSSE SECHE**
[72] SOEDERGAERD, BENGT, SE
[73] XYLEM IP HOLDINGS LLC, US
[85] 2012-11-19
[86] 2011-06-08 (PCT/SE2011/050700)
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[25] EN
[54] **DIGITAL BROADCAST TRANSMITTER, DIGITAL BROADCAST RECEIVER, AND METHOD FOR CONSTRUCTING AND PROCESSING STREAMS FOR SAME**
[54] **EMETTEUR DE DIFFUSION NUMERIQUE, RECEPTEUR DE DIFFUSION NUMERIQUE ET PROCEDE DE CONSTRUCTION ET DE TRAITEMENT DE FLUX POUR CEUX-CI**
[72] JEONG, JIN-HEE, KR
[72] LEE, HAK-JU, KR
[72] KWON, YONG-SIK, KR
[72] JI, KUM-RAN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **ACCESSORIES FOR SUPPLYING LIQUIDS TO APPLICATORS SUCH AS ROLLERS AND BRUSHES**
[54] **ACCESSOIRES POUR FOURNIR DES LIQUIDES A UN APPLICATEUR DE TYPE ROULEAU OU PINCEAU**
[72] VELAZQUEZ ARVIZU, ALBERTO, MX
[73] VELAZQUEZ ARVIZU, ALBERTO, MX
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[54] **MITOCHONDRIAL PENETRATING PEPTIDES AS CARRIERS FOR ANTICANCER COMPOUNDS**
[54] **PEPTIDES PENETRANT DANS LES MITOCHONDRIES COMME VECTEURS DE COMPOSES ANTICANCEREUX**
[72] KELLEY, SHANA, CA
[72] PEREIRA, MARK, CA
[72] FONSECA, SONALI, CA
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[54] **NOVEL AURISTATIN DERIVATIVES AND THEIR USE**
[54] **NOUVEAUX DERIVES DE L'AURISTATINE ET LEUR UTILISATION**
[72] LERCHEN, HANS-GEORG, DE
[72] STELTE-LUDWIG, BEATRIX, DE
[72] GOLFIER, SVEN, DE
[72] SCHUHMACHER, JOACHIM, DE
[72] KRENZ, URSULA, DE
[73] SEATTLE GENETICS, INC., US
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[86] 2011-06-06 (PCT/EP2011/059300)
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[30] EP (10165550.4) 2010-06-10
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[54] **CONFECTIONARY CORE COATING METHOD**
[54] **PROCEDE D'ENROBAGE DE NOYAUX DE CONFISERIE**
[72] LIBERATORE, MAURO, IT
[73] SOREMARTEC S.A., LU
[85] 2012-12-07
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[25] EN
[54] **DEVICE AND METHOD FOR STABLIZATION OF A WELLHEAD, AND ALSO USE OF A SUCTION SUBSTRUCTURE FOR SUPPORT OF A WELLHEAD**
[54] **DISPOSITIF ET PROCEDE POUR STABILISER UNE TETE DE PUITS, ET UTILISATION D'UNE SOUS-STRUCTURE D'ASPIRATION POUR SUPPORTER UNE TETE DE PUITS**
[72] STRAND, HARALD, NO
[73] NEODRILL AS, NO
[85] 2012-12-14
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[25] FR
[54] **METHOD FOR PRODUCING A METAL REINFORCEMENT FOR A TURBOMACHINE BLADE**
[54] **PROCEDE DE REALISATION D'UN RENFORT METALLIQUE D'AUBE DE TURBOMACHINE**
[72] HOTTIER, CHRISTINE, FR
[72] LAMAISON, BERTRAND, FR
[72] ABOUSEFIAN, JACQUES, FR
[73] SNECMA, FR
[85] 2012-12-17
[86] 2011-06-23 (PCT/FR2011/051454)
[87] (WO2011/161385)
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[54] **ORGANOSOLV PROCESS**
[54] **TRAITEMENT A BASE D'ORGANOSOLV**
[72] BERLIN, ALEX, CA
[72] BALAKSHIN, MIKHAIL Y., CA
[72] MA, RAYMOND, CA
[72] MAXIMENKO GUTMAN, VERA, CA
[72] ORTIZ, DARWIN, CA
[73] FIBRIA INNOVATIONS INC., CA
[85] 2012-12-19
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[25] EN
[54] **ENDOSCOPIC SUTURING DEVICE, SYSTEM AND METHOD**
[54] **DISPOSITIF, SYSTEME ET PROCEDE DE SUTURE ENDOSCOPIQUE**
[72] BELMAN, YURI, US
[72] ZATYURYUKIN, ALEXANDER BORISOVICH, RU
[72] MOORE, PATRICIA A., US
[73] BOSS INSTRUMENTS, LTD., INC., US
[85] 2012-12-19
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[25] EN
[54] **METHOD OF TREATING A HYDROCARBON STREAM COMPRISING METHANE, AND AN APPARATUS THEREFOR**
[54] **PROCEDE DE TRAITEMENT D'UN FLUX D'HYDROCARBURE CONTENANT DU METHANE ET APPAREIL A CET EFFET**
[72] CHANTANT, FRANCOIS, NL
[72] MEIRING, WOUTER JAN, MY
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2012-12-20
[86] 2011-06-28 (PCT/EP2011/060829)
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[25] EN
[54] **MOLTEN METAL IMPELLER**
[54] **ROUE EN METAL EN FUSION**
[72] TETKOSKIE, JASON, US
[72] BRIGHT, MARK, US
[72] HENDERSON, RICHARD S., US
[73] PYROTEK, INC., US
[85] 2012-12-28
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[54] **CASTER FOR SUITCASES, PIECES OF LUGGAGE, TRANSPORT CONTAINERS AND THE LIKE**
[54] **ROULETTE DESTINEE A DES VALISES, DES ARTICLES DE BAGAGE, DES CONTENANTS DE TRANSPORT ET AUTRES SEMBLABLES**
[72] WAITZ, KARL-HEINZ, DE
[73] SUDHAUS GMBH & CO. KG, DE
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[86] 2011-06-15 (PCT/EP2011/002958)
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[54] **ADHESIVE PRODUCTS IN SHEET FORM**
[54] **PRODUITS ADHESIFS EN FEUILLE**
[72] ERASMUS, DUONNE, ZA
[73] INSTAFIBRE LTD, GB
[85] 2013-01-08
[86] 2011-07-19 (PCT/GB2011/001080)
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[30] GB (1012089.7) 2010-07-19
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[54] **HYDROPHOBIC SELF-ETCH DENTAL ADHESIVE COMPOSITIONS**
[54] **COMPOSITIONS ADHESIVES DENTAIRES A AUTO-MORDANCAGE HYDROPHOBES**
[72] SUH, BYOUNG I., US
[72] CHEN, LIANG, US
[73] BISCO, INC., US
[86] (2805569)
[87] (2805569)
[22] 2013-02-13
[30] US (13/385,379) 2012-02-16

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[25] EN
[54] **MULTIPHASE CONTACT AND DISTRIBUTION APPARATUS FOR HYDROPROCESSING**
[54] **APPAREIL DE CONTACT ET DE DISTRIBUTION MULTIPHASE POUR HYDROTRAITEMENT**
[72] KILLEN, RALPH E., US
[72] BOYAK, CRAIG, US
[72] SONG, STEVEN X., US
[72] KEMOUN, ABDENOUR, US
[72] SOUERS, STEVE, US
[72] PARIMI, KRISHNIAH, US
[72] AKIN, ZACKORY, US
[73] CHEVRON U.S.A. INC., US
[85] 2013-01-17
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[25] EN
[54] **WIDE BANDWIDTH HYBRID ANTENNA FOR COMBINATION EAS AND RFID LABEL OR TAG**
[54] **ANTENNE HYBRIDE A GRANDE LARGEUR DE BANDE POUR COMBINER UNE ETIQUETTE EAS ET UNE ETIQUETTE RFID**
[72] COPELAND, RICHARD L., US
[72] DAY, EDWARD, US
[73] TYCO FIRE & SECURITY GMBH, CH
[85] 2013-01-30
[86] 2011-06-29 (PCT/US2011/001162)
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[25] EN
[54] **WORK VEHICLE PERIPHERY MONITORING APPARATUS**
[54] **DISPOSITIF DE SURVEILLANCE DU VOISINAGE D'UN VEHICULE EN MARCHE**
[72] MITSUTA, SHINJI, JP
[72] HARADA, SHIGERU, JP
[72] TANUKI, TOMIKAZU, JP
[72] MASUTANI, EISHIN, JP
[72] NAKANISHI, YUKIHIRO, JP
[72] KURIHARA, TAKESHI, JP
[72] TSUBONE, DAI, JP
[72] MACHIDA, MASAOMI, JP
[73] KOMATSU LTD., JP
[85] 2013-01-30
[86] 2012-05-24 (PCT/JP2012/063254)
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[30] JP (2011-127477) 2011-06-07

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[51] **Int.Cl. C12N 9/24 (2006.01) C12P 7/10 (2006.01)**
[25] EN
[54] **USE OF GLYCOSIDE HYDROLASE 61 FAMILY PROTEINS IN PROCESSING OF CELLULOSE**
[54] **UTILISATION DE PROTEINES DE LA FAMILLE 61 DES GLYCOSIDE HYDROLASES DANS LE TRAITEMENT DE LA CELLULOSE**
[72] CAMPOPIANO, ONORATO, US
[72] TOROK, JANOS, US
[72] BAIDYAROY, DIPNATH, US
[72] CLARK, LOUIS, US
[72] RAO, KRIPA, US
[72] SZABO, LORAND, US
[72] YANG, JIE, US
[73] CODEXIS, INC., US
[85] 2013-02-06
[86] 2011-08-22 (PCT/US2011/048700)
[87] (WO2012/024698)
[30] US (61/375,788) 2010-08-20

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[51] **Int.Cl. C07D 498/04 (2006.01) A61K 31/48 (2006.01) A61P 15/00 (2006.01)**
[25] EN
[54] **DERIVATIVES OF 6,7-DIHYDRO-3H-OXAZOLO [3,4-.ALPHA.]PYRAZINE-5,8-DIONE**
[54] **DERIVES DE 6,7-DIHYDRO-3H-OXAZOLO[3,4-.ALPHA.]PYRAZINE-5,8-DIONE TECHSOURCE**
[72] SACURAI, SERGIO LUIZ, BR
[72] ZAIM, MARCIO HENRIQUE, BR
[72] TOUZARIM, CARLOS EDUARDO DA COSTA, BR
[72] KEPPLER, ARTUR FRANZ, BR
[72] DE NUCCI, GILBERTO, BR
[73] BIOLAB SANUS FARMACEUTICA LTDA., BR
[85] 2013-02-08
[86] 2011-08-02 (PCT/BR2011/000255)
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[30] US (61/373,483) 2010-08-13

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[25] EN
[54] **NON-METALLIC VERTICAL TURBINE PUMP**
[54] **POMPE A TURBINE VERTICALE NON METALLIQUE**
[72] PARRY, WILLIAM W., US
[72] BURACHINSKY, ERIK, US
[73] MPC INC., US
[85] 2013-02-13
[86] 2011-08-17 (PCT/US2011/048018)
[87] (WO2012/024356)
[30] US (61/374,452) 2010-08-17

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[25] FR
[54] **SAFETY DEVICE FOR A VEHICLE WHEEL**
[54] **DISPOSITIF DE SECURITE POUR UNE ROUE D'UN VEHICULE**
[72] DE LIMA, BERNARD, FR
[73] DE LIMA, BERNARD, FR
[85] 2013-02-11
[86] 2011-08-16 (PCT/FR2011/051916)
[87] (WO2012/022911)
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[25] EN
[54] **CONTAINERS AND METHODS FOR MIXING AND DISPENSING BEVERAGE CONCENTRATES**
[54] **CONTENANTS ET PROCEDES DE MELANGE ET DE DISTRIBUTION DE CONCENTRES DE BOISSON**
[72] ALBAUM, GARY J., US
[73] KRAFT FOODS GROUP BRANDS LLC, US
[85] 2013-02-27
[86] 2011-09-01 (PCT/US2011/050205)
[87] (WO2012/031120)
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[51] **Int.Cl. H04N 5/44 (2011.01) H04N 21/65 (2011.01)**
[25] EN
[54] **SET TOP BOX FOR PERFORMING DIAGNOSTIC FUNCTIONS**
[54] **BOITIER SERVANT A EXECUTER DES FONCTIONS DE DIAGNOSTICS**
[72] FRIEL, LIAM, IE
[72] MURPHY, COLM AENGUS, IE
[72] DWYER, DEREK, IE
[72] MAGUIRE, JOHN, IE
[72] PALMER, DUNCAN, IE
[73] ACCENTURE GLOBAL SOLUTIONS LIMITED, GB
[85] 2013-03-06
[86] 2011-09-12 (PCT/EP2011/065792)
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[25] EN
[54] **SIZE SELECTIVE POLYMER SYSTEM**
[54] **SYSTEME POLYMERE SELECTIF EN FONCTION DE LA TAILLE**
[72] YOUNG, WEI-TAI, US
[72] ALBRIGHT, ROBERT, US
[72] GOLOBISH, THOMAS, US
[72] CAPPONI, VINCENT, US
[72] CHAN, PHILIP, US
[73] CYTOSORBENT, INC., US
[85] 2013-03-11
[86] 2011-09-07 (PCT/US2011/001549)
[87] (WO2012/033522)
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[51] **Int.Cl. E05B 49/00 (2006.01) G07F 17/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ACCESSING OR MANAGING SECURED STORAGE SPACE**
[54] **SYSTEMES ET PROCEDES POUR ACCEDER A UN ESPACE DE STOCKAGE SECURISE OU POUR GERER CELUI-CI**
[72] RUDDUCK, DICKORY, US
[72] KELLIHER, CHRISTOPHER, US
[72] FORD, BENJAMIN, AU
[72] WHITE, ANTHONY, US
[72] VAN DUIJN, MAARTEN R., NL
[72] FREESE, JOHN EVANSTON, US
[72] GESELL, ERIC, US
[73] TELEZYGOLOGY INC., US
[85] 2013-03-14
[86] 2011-09-14 (PCT/AU2011/001177)
[87] (WO2012/034171)
[30] US (12/881,772) 2010-09-14
[30] US (61/382,693) 2010-09-14

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[54] **WELLBORE TUBULAR CUTTER**
[54] **FRAISE TUBULAIRE DE PUITS**
[72] WOOD, JEFFREY D., US
[72] LAGRANGE, TIMOTHY EDWARD, US
[72] CLAY, MATTHEW, US
[73] OWEN OIL TOOLS LP, US
[85] 2013-03-13
[86] 2011-09-22 (PCT/US2011/052766)
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[30] US (13/239,008) 2011-09-21

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[25] EN
[54] **NOVEL CATALYST SYSTEMS AND POLYMER RESINS HAVING IMPROVED BARRIER PROPERTIES**
[54] **NOUVEAUX SYSTEMES CATALYSEURS ET RESINES DE POLYMERE AYANT DES PROPRIETES DE BARRIERE AMELIOREES**
[72] DING, ERRUN, US
[72] MASINO, ALBERT P., US
[72] MARTIN, JOEL L., US
[72] YU, YOULU, US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2013-03-21
[86] 2011-09-20 (PCT/US2011/052266)
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[30] US (12/890,455) 2010-09-24

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[51] **Int.Cl. B81C 1/00 (2006.01)**
[25] EN
[54] **FEEDBACK CONTROL OF DIMENSIONS IN NANOPORE AND NANOFLUIDIC DEVICES**
[54] **COMMANDE ASSERVIE DES DIMENSIONS DANS DES DISPOSITIFS NANOPOREUX ET NANOFLUIDIQUES**
[72] WAGGONER, PHILIP SUTTON, US
[72] HARRER, STEFAN, US
[72] ROSSNAGEL, STEPHEN, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2013-03-22
[86] 2011-08-16 (PCT/EP2011/064085)
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[30] US (61/409,353) 2010-11-02
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[51] **Int.Cl. G06K 7/00 (2006.01) G07B 15/00 (2011.01)**
[25] FR
[54] **SYSTEM FOR PLACING A READER IN COMMUNICATION WITH A CONTACTLESS MEDIUM AND ASSOCIATED ASSEMBLY**
[54] **SYSTEME DE MISE EN COMMUNICATION D'UN LECTEUR AVEC UN MEDIA SANS CONTACT ET ENSEMBLE ASSOCIE**
[72] BIGOT, JEAN-MARC, FR
[73] THALES, FR
[85] 2013-03-21
[86] 2011-09-20 (PCT/FR2011/052160)
[87] (WO2012/038657)
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[25] EN
[54] **LAMINA IMPLANT SET**
[54] **JEU D'IMPLANTS POUR LAME VERTEBRALE**
[72] JENSEN, HARM-IVEN, DE
[72] LINK, HELMUT D., DE
[73] FACET-LINK INC., US
[85] 2013-03-25
[86] 2011-09-28 (PCT/EP2011/066886)
[87] (WO2012/041914)
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[51] **Int.Cl. E21B 10/54 (2006.01) E21B 10/62 (2006.01)**
[25] EN
[54] **WEAR RESISTANT MATERIAL AT THE SHIRTTAIL EDGE AND LEADING EDGE OF A ROTARY CONE DRILL BIT**
[54] **MATERIAU RESISTANT A L'ABRASION SITUE AU BORD DE PAN DE CHEMISE ET AU BORD D'ATTAQUE D'UN TREPAN A CONE ROTATIF**
[72] BOUAPHANH, INPENG, US
[73] VAREL INTERNATIONAL, IND., L.P., US
[85] 2013-03-25
[86] 2011-09-30 (PCT/US2011/054132)
[87] (WO2012/044888)
[30] US (12/896,406) 2010-10-01
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[25] FR
[54] **REACTION VESSEL FOR AN AUTOMATIC CHEMICAL OR BIOLOGICAL ANALYSIS DEVICE**
[54] **CUVETTE DE REACTION POUR APPAREIL AUTOMATIQUE D'ANALYSE CHIMIQUE OU BIOLOGIQUE**
[72] CROISARD, PHILIPPE, FR
[72] VALVERDE, OLIVIER, FR
[73] DIAGNOSTICA STAGO, FR
[85] 2013-03-27
[86] 2011-10-04 (PCT/FR2011/052310)
[87] (WO2012/045972)
[30] FR (1058041) 2010-10-05
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[25] EN
[54] **SECRETING CONDOM**
[54] **PRESERVATIF SECRETANT**
[72] LEVY, LINDA, US
[73] LEVY, LINDA, US
[85] 2013-03-27
[86] 2011-09-28 (PCT/US2011/053600)
[87] (WO2012/050861)
[30] US (12/893,571) 2010-09-29
[30] EP (10193972.6) 2010-12-07

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[51] **Int.Cl. E04G 11/22 (2006.01) E04G 11/24 (2006.01) E04G 11/26 (2006.01)**
[25] EN
[54] **SLIP FORMED CONCRETE STRUCTURE**
[54] **STRUCTURE EN BETON FORMEE PAR COFFRAGE GLISSANT**
[72] FOSSA, KJELL TORE, NO
[72] GUDMESTAD, ENDRE, NO
[73] KVAERNER AS, NO
[85] 2013-03-28
[86] 2011-09-23 (PCT/NO2011/000270)
[87] (WO2012/044174)
[30] NO (20101368) 2010-10-01

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[51] **Int.Cl. B21C 47/34 (2006.01) B21B 39/00 (2006.01) B21D 43/09 (2006.01) B65H 20/02 (2006.01)**
[25] EN
[54] **DRIVER FOR A STEEL STRIP COILER**
[54] **DISPOSITIF D'ENTRAINEMENT POUR UNE BOBINEUSE DE BANDE D'ACIER**
[72] MOSER, FRIEDRICH, AT
[72] SCHIEFER, JURGEN, AT
[73] PRIMETALS TECHNOLOGIES AUSTRIA GMBH, AT
[85] 2013-04-05
[86] 2011-09-27 (PCT/EP2011/066707)
[87] (WO2012/045607)
[30] AT (A1683/2010) 2010-10-08

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[13] C
[51] **Int.Cl. B65B 11/02 (2006.01) B65B 11/00 (2006.01) B65B 11/04 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR EVALUATING PACKAGING MATERIALS AND DETERMINING WRAP SETTINGS FOR WRAPPING MACHINES**
[54] **PROCEDES ET APPAREIL PERMETTANT D'EVALUER DES MATERIAUX DE CONDITIONNEMENT ET DE DETERMINER DES PARAMETRES D'EMBALLAGE POUR DES MACHINES A EMBALLER**
[72] LANCASTER, PATRICK R., III, US
[73] LANTECH.COM, LLC, US
[85] 2013-04-05
[86] 2011-10-28 (PCT/US2011/058304)
[87] (WO2012/058549)
[30] US (61/408,540) 2010-10-29

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[51] **Int.Cl. C10M 141/12 (2006.01) C10M 129/44 (2006.01)**
[25] EN
[54] **LUBRICATING COMPOSITION CONTAINING MULTIFUNCTIONAL BORATED HYDROXYLATED AMINE SALT OF A HINDERED PHENOLIC ACID**
[54] **COMPOSITION LUBRIFIANTE RENFERMANT UN SEL BORE MULTIFONCTIONNEL D'AMINE HYDROXYLATEE MULTIFONCTIONNELLE D'UN ACIDE PHENOLIQUE ENCOMBRE**
[72] SUEN, YAT FAN, US
[72] WARD, JOHN, US
[72] MILLER, TREVOR, US
[73] CHEVRON ORONITE COMPANY LLC, US
[85] 2013-04-08
[86] 2011-10-07 (PCT/US2011/055430)
[87] (WO2012/051075)
[30] US (12/902,760) 2010-10-12

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[51] **Int.Cl. E02D 27/01 (2006.01) E02D 27/02 (2006.01) E04G 13/00 (2006.01)**
[25] EN
[54] **ASSEMBLABLE DISPOSABLE SHUTTERING FOR CONSTRUCTING MODULAR FORMWORKS FOR MAKING CONCRETE FOUNDATIONS**
[54] **COFFRAGE JETABLE ASSEMBLABLE DESTINE A LA CONSTRUCTION DE COFFRAGES MODULAIRES SERVANT A FABRIQUER DES FONDATIONS EN BETON**
[72] MARTIGLI, MASSIMO (DECEASED), IT
[73] MARTIGLI, FABRIZIO, IT
[73] MARTIGLI, MADDALENA, IT
[73] SERAFINI, MONICA, IT
[85] 2013-04-09
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[30] IT (FI2010A000214) 2010-10-20

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[51] **Int.Cl. A61F 5/00 (2006.01)**
[25] EN
[54] **RE-SHAPING INTRAGASTRIC IMPLANTS**
[54] **REFORMAGE D'IMPLANTS INTRAGASTRIQUES**
[72] BABKES, MITCHELL H., US
[72] DOMINGUEZ, ZACHARY P., US
[72] MUDD, CHRISTOPHER S., US
[72] RAVEN, JOSEPH S., US
[73] APOLLO ENDOSURGERY, INC., US
[85] 2013-04-11
[86] 2011-10-10 (PCT/US2011/055598)
[87] (WO2012/051108)
[30] US (12/902,085) 2010-10-11
[30] US (61/394,592) 2010-10-19
[30] US (61/485,009) 2011-05-11

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[13] C
[51] **Int.Cl. A61M 5/14 (2006.01) A61M 5/142 (2006.01) A61M 5/168 (2006.01) A61M 39/24 (2006.01) A61M 39/26 (2006.01) F04B 43/12 (2006.01) F04B 43/14 (2006.01)**
[25] EN
[54] **PUMP MODULE, PUMP BASE MODULE AND PUMP SYSTEM**
[54] **MODULE DE POMPE, MODULE DE BASE DE POMPE ET SYSTEME DE POMPE**
[72] BECKER, MICHAEL, DE
[73] FRESENIUS KABI DEUTSCHLAND GMBH, DE
[85] 2013-04-12
[86] 2011-10-13 (PCT/EP2011/067911)
[87] (WO2012/049260)
[30] US (61/392,495) 2010-10-13
[30] EP (10187381.8) 2010-10-13
[30] US (61/392,494) 2010-10-13
[30] EP (10187380.0) 2010-10-13
[30] US (61/392,492) 2010-10-13
[30] EP (10187378.4) 2010-10-13
[30] US (61/392,490) 2010-10-13
[30] EP (10187377.6) 2010-10-13

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[13] C
[51] **Int.Cl. D21C 11/06 (2006.01) D21C 11/10 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR SEPARATING CONTAMINANTS FROM LIQUIDS OR VAPORS**
[54] **PROCEDE ET AGENCEMENT POUR LA SEPARATION DE CONTAMINANTS DE LIQUIDES OU DE VAPEURS**
[72] BERG, CARL-GUSTAV, FI
[72] JAAKKOLA, HEIKKI, FI
[73] ANDRITZ OY, FI
[85] 2013-04-18
[86] 2011-10-17 (PCT/FI2011/050905)
[87] (WO2012/052619)
[30] FI (20106079) 2010-10-18

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[13] C
[51] **Int.Cl. G01N 33/50 (2006.01) C12Q 1/32 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING THE PRODUCTION OF REACTIVE OXYGEN SPECIES IN A CELLULAR POPULATION**
[54] **PROCEDE POUR DETERMINER LA PRODUCTION D'ESPECES REACTIVES DE L'OXYGENE DANS UNE POPULATION CELLULAIRE**
[72] BENET CATALA, JORDI, ES
[72] GARCIA PEIRO, AGUSTIN, ES
[73] UNIVERSIDAD AUTONOMA DE BARCELONA, ES
[85] 2013-04-25
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[54] **PREPARATIONS LIQUIDES CONTENANT UN CONJUGUE DE L'INTERFERON ALPHA A ACTION PROLONGEE**
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[72] LEE, JAE MIN, KR
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[72] BAE, SUNG MIN, KR
[72] KWON, SE CHANG, KR
[73] HANMI SCIENCE CO., LTD., KR
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[54] **HOMOLOGUE VEGETALE DE LA PROTEINE AUTOPHAGE P62**
[72] ZIENTARA-RYTTER, KATARZYNA, PL
[72] MONIUSZKO, GRZEGORZ, PL
[72] WAWRZYNSKA, ANNA, PL
[72] LUKOMSKA, JOLANTA, PL
[72] LISZEWSKA, FRANTZ, FR
[72] SIRKO, AGIESZKA, PL
[73] INSTYTUT BIOCHEMII I BIOFIZYKI PAN, PL
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[54] **INTEGRATION DE CHALEUR DANS LA CAPTURE DE CO2**
[72] CHRISTENSEN, TOR, NO
[72] DE MEYER, HERMANN, BE
[73] CO2 CAPSOL AS, NO
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[25] EN
[54] **BLUE-COLORED GOLD NANOPARTICLES FOR IMMUNOLOGICAL MEASUREMENT, PROCESS FOR PRODUCTION OF SAME, AND MEASUREMENT METHOD USING SAME**
[54] **NANOPARTICULES D'OR A COLORATION BLEUE POUR MESURES IMMUNOLOGIQUES, PROCEDE DE PRODUCTION ASSOCIE ET METHODE DE MESURE METTANT EN OEUVRE CES NANOPARTICULES**
[72] KATO, YUYA, JP
[72] ITO, DAISUKE, JP
[72] KITANI, YOSHIKO, JP
[73] TANAKA KIKINZOKU KOGYO K.K., JP
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[72] KOBAYASHI, HISASHI, US
[72] BOOL,LAWRENCE E. III, US
[73] PRAXAIR TECHNOLOGY, INC., US
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[54] **ELECTRONIC SYNAPSES FOR REINFORCEMENT LEARNING**
[54] **SYNAPSES ELECTRONIQUES POUR APPRENTISSAGE PAR RENFORCEMENT**
[72] MODHA, DHARMENDRA SHANTILAL, US
[72] CHANG, LELAND, US
[72] MONTOYE, ROBERT KEVIN, US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[54] **TOMOGRAPHIE PAR COHERENCE OPTIQUE ET ECLAIRAGE A L'AIDE DE SOURCE DE LUMIERE COMMUNE**
[72] HUCULAK, JOHN CHRISTOPHER, US
[72] YADLOWSKY, MICHAEL, US
[72] PAPAC, MICHAEL JAMES, US
[73] ALCON RESEARCH, LTD., US
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[54] **COLORANTS AZOIQUES**
[72] MEIER, HELMUT-MARTIN, DE
[72] HEIDE, CHRISTOF, DE
[72] STRUMPF, KLAUS-GUNTER, DE
[72] HUBBE, THOMAS, DE
[73] KEMIRA OYJ, FI
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[54] **DISPOSITIF DE CONDITIONNEMENT, DE CONSERVATION ET DE PREPARATION EXTEMPORANEE DE PLUSIEURS PRINCIPES ACTIFS.**
[72] PEROVITCH, PHILIPPE, FR
[73] PEROVITCH, PHILIPPE, FR
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[54] **POLYPEPTIDES HYPOALLERGENIQUES DANS LE TRAITEMENT D'UNE ALLERGIE AUX ACARIENS DETRITICOLES**
[72] CHEN, KUAN-WEI, AT
[72] VRTALA, SUSANNE, AT
[72] VALENTA, RUDOLF, AT
[73] BIOMAY AG, AT
[85] 2013-05-30
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[54] **ASSAY FOR POSITIONING A FEEDING TUBE AND METHOD THEREOF**
[54] **ANALYSE EN VUE DU POSITIONNEMENT D'UNE SONDE D'ALIMENTATION ET PROCEDE CORRESPONDANT**
[72] CARR, REUBEN, GB
[72] FARLEY, LUCY, GB
[73] INGENZA LIMITED, GB
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[54] **MECANISME DE RAPPEL ELECTRIQUE POUR DOSSIER DE SIEGE**
[72] TAME, OMAR D., US
[72] VETERE, LOUIS, II, US
[73] MAGNA SEATING INC., CA
[86] (2819725)
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[72] BIELIS, GEORGE J., IV, US
[72] WOODSIDE, RICHARD J., US
[72] ROBERTS, WILLIAM V., US
[73] BRAKE PARTS INC LLC, US
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[25] EN
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[54] **PARTICULES BIODEGRADABLES POUR UN TRAITEMENT MEDICAL ET UN MATERIEL D'EMBOLISATION VASCULAIRE**
[72] YAMAMURA, YASUFUMI, JP
[72] TANAHASHI, KAZUHIRO, JP
[72] NAKANISHI, MEGUMI, JP
[72] FUJITA, MASAKI, JP
[73] TORAY INDUSTRIES, INC., JP
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[54] **CONDUIT SYSTEM FOR A PNEUMATIC DISTRIBUTION SYSTEM OF AN AGRICULTURAL IMPLEMENT**
[54] **SYSTEME DE CONDUITS POUR SYSTEME DE DISTRIBUTION PNEUMATIQUE D'UNE MACHINE AGRICOLE**
[72] JOHNSON, CHAD M., US
[72] PRICKEL, MARVIN A., US
[72] MACDONALD, GRANT T., US
[73] CNH INDUSTRIAL AMERICA LLC, US
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[54] **INPUT DEVICE WITH MEMBRANE TO IMPEDE ENTRANCE OF FOREIGN CONTAMINATES INTO AN ELECTRONIC GAMING MACHINE**
[54] **DISPOSITIF D'ENTREE DOTE D'UNE MEMBRANE POUR EMPECHER DES CORPS ETRANGERS DE PENETRER DANS UNE MACHINE DE JEU ELECTRONIQUE**
[72] OEHLERT, MICHAEL W., US
[72] LABROSSE, NATHAN D., US
[72] BAKER, BRIAN K., US
[72] BEADELL, JOHN L., US
[72] MCGAHN, STEVE P., US
[72] COMBS, JACQUELYN S., US
[72] WAXMAN, THOMAS D., US
[72] CHUDD, RUSSELL, US
[72] ROSANDER, TAI, US
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[54] **METHOD AND APPARATUS FOR DISTRIBUTED LIGHTING CONTROL**
[54] **PROCEDE ET APPAREIL POUR COMMANDE D'ECLAIRAGE DISTRIBUE**
[72] ELLIS, TODD, US
[72] ATKINS, CHRISTOPHER, US
[72] CANTRELL, BOBBY, US
[73] SENSUS USA INC., US
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[54] **ROTARY DAMPER**
[54] **AMORTISSEUR ROTATIF**
[72] OKIMURA, AKIHIKO, JP
[72] HORITA, NAOHIRO, JP
[73] OILES CORPORATION, JP
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[54] **PRESENTATION MULTIDIMENSIONNELLE ET A PROFONDEURS MULTIPLES D'ICONES ASSOCIEES A UNE INTERFACE UTILISATEUR**
[72] DELUCA, MICHAEL JOSEPH, US
[73] BLACKBERRY LIMITED, CA
[85] 2013-07-18
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[54] **GUIDED KEEPER ASSEMBLY AND METHOD FOR METAL FORMING DIES**
[54] **ENSEMBLE DE BLOCAGE GUIDE ET PROCEDE POUR MATRICES DE FORMAGE DE METAL**
[72] BREEN, SCOTT M., US
[72] PYPER, JOEL T., US
[73] STANDARD LIFTERS, INC., US
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[54] **JOINT DE TUYAU**
[72] INOUE, HIROSHI, JP
[72] HAGINO, TOMOKAZU, JP
[72] TAKAHASHI, KIYOKAZU, JP
[72] MASUI, KATSUYUKI, JP
[73] INOUE SUDARE CO., LTD., JP
[73] HIGASHIO MECH CO., LTD., JP
[73] SEKISUI CHEMICAL CO., LTD., JP
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[54] **FIRE-RATED WALL CONSTRUCTION PRODUCT**
[54] **PRODUIT DE CONSTRUCTION DE MUR PARE-FEU**
[72] PILZ, DON, US
[72] POLIQUIN, RAYMOND E., US
[72] SESMA, FERNANDO HERNANDEZ, US
[73] CALIFORNIA EXPANDED METAL PRODUCTS COMPANY, US
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[54] **A METHOD FOR DETERMINING A PROGRESSIVE OPHTHALMIC LENS**
[54] **PROCEDE DE DETERMINATION D'UNE LENTILLE OPHTALMIQUE PROGRESSIVE**
[72] DE ROSSI, HELENE, FR
[72] MURADORE, FABIEN, FR
[73] ESSILOR INTERNATIONAL, FR
[85] 2013-08-19
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[54] **CONTAINER CLOSURE**
[54] **FERMETURE DE RECIPIENT**
[72] BODUM, JORGEN, CH
[73] PI-DESIGN AG, CH
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[54] **LENTILLE OPHTALMOLOGIQUE PROGRESSIVE**
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[72] MOINE, JEROME, FR
[72] REGO, CARLOS, FR
[72] GUILLOT, MATTHIEU, FR
[73] ESSILOR INTERNATIONAL, FR
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[25] EN
[54] **FLUID FLOW DEFLECTOR ASSEMBLIES FOR CONNECTION TO SWEEP TAIL HOSES OF AUTOMATIC SWIMMING POOL CLEANERS**
[54] **ENSEMBLES DEFLECTEURS D'ECOULEMENT DE FLUIDE DESTINES A ETRE RACCORDES A DES TUYAUX FLEXIBLES BALAYEURS DE DISPOSITIFS DE NETTOYAGE DE PISCINE AUTOMATIQUES**
[72] BLOINK, TOMMY, US
[72] STOLTZ, GERHARDUS J., US
[73] ZODIAC POOL SYSTEMS, INC., US
[85] 2013-09-20
[86] 2012-02-07 (PCT/US2012/024040)
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[25] EN
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[54] **ORDINATEUR DE COMMANDE POUR VEHICULE SANS PILOTE**
[72] YELLAND, BRADFORD SCOTT, AU
[72] LOGAN, GLEN ERIC, AU
[72] RISEBOROUGH, PAUL, AU
[73] BAE SYSTEMS AUSTRALIA LIMITED, AU
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[54] **MANAGING DATA FOR AUTHENTICATION DEVICES**
[54] **GESTION DE DONNEES POUR DISPOSITIFS D'AUTHENTIFICATION**
[72] LAMBERT, ROBERT JOHN, CA
[73] CERTICOM CORP., CA
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[54] **CARTRIDGE FOR THE PREPARATION OF BEVERAGES AND METHOD OF MANUFACTURING A CARTRIDGE**
[54] **CARTOUCHE SERVANT A PREPARER DES BOISSONS ET PROCEDE DE PRODUCTION DE CETTE CARTOUCHE**
[72] CARTER, STEVEN, GB
[72] MACMAHON, JOHN, GB
[72] LLOYD, ADAM, GB
[72] SUTTON, PAUL, GB
[72] PANESAR, SATWINDER, GB
[72] HALLIDAY, ANDREW, GB
[72] MARTIN, HENRY, GB
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
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[54] **DETECTION D'IONS**
[72] KHOLOMEEV, ALEXANDER, DE
[72] MAKAROV, ALEXANDER ALEKSEEVICH, DE
[73] THERMO FISHER SCIENTIFIC (BREMEN) GMBH, DE
[85] 2013-11-08
[86] 2012-05-14 (PCT/EP2012/058938)
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[54] **PROCESSING ELECTRONIC PAYMENT INVOLVING MOBILE COMMUNICATION DEVICE**
[54] **TRAITEMENT D'UN PAIEMENT ELECTRONIQUE IMPLIQUANT UN DISPOSITIF DE COMMUNICATION MOBILE**
[72] DRYER, TREVOR D., US
[72] ARBEL, ERAN, US
[72] RAN, ALEXANDER S., US
[72] TRIPATHI, AJAY, US
[72] LETHIN, DOUGLAS, US
[72] BLANK, BENNETT R., US
[72] KRIVOPALTSEV, EUGENE, US
[73] INTUIT INC., US
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[54] **PROCESS FOR THE PRODUCTION OF ESTETROL INTERMEDIATES**
[54] **PROCEDE POUR LA PRODUCTION D'INTERMEDIAIRES D'ESTETROL**
[72] PASCAL, JEAN-CLAUDE, FR
[73] ESTETRA S.P.R.L., BE
[85] 2013-11-13
[86] 2012-06-01 (PCT/EP2012/060447)
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[30] EP (11168561.6) 2011-06-01
[30] US (61/492,300) 2011-06-01

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[51] **Int.Cl. A61B 10/00 (2006.01) B65D 51/28 (2006.01)**
[25] EN
[54] **CONTAINER ASSEMBLY AND ASSOCIATED METHOD**
[54] **ENSEMBLE RECIPIENT ET PROCEDE ASSOCIE**
[72] JAKOBSEN, OLE, DK
[72] BAY, CHRISTOFFER, DK
[72] ILSKOV, JACOB, DK
[73] AX-LAB INNOVATION APS, DK
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[72] GOSS, STEVEN NEIL, US
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[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[54] **PEPTIDE COMPOSITIONS AND METHODS FOR TREATING LUNG INJURY, ASTHMA, ANAPHYLAXIS, ANGIOEDEMA, SYSTEMIC VASCULAR PERMEABILITY SYNDROMES, AND NASAL CONGESTION**
[54] **COMPOSITIONS PEPTIDIQUES ET METHODES DE TRAITEMENT D'UNE LESION PULMONAIRE, DE L'ASTHME, DE L'ANAPHYLAXIE, D'UN □DEME DE QUINCKE, DE SYNDROMES DE PERMEABILITE VASCULAIRE SYSTEMIQUE ET D'UNE CONGESTION NASALE**
[72] KOMAROVA, YULIA A., US
[72] SAQIB, UZMA, US
[72] VOGEL, STEPHEN M., US
[72] MALIK, ASRAR B., US
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[54] **METHOD FOR MANUFACTURING TRANSPARENT BRACES**
[54] **PROCEDE DE FABRICATION D'ARCS DENTAIRES TRANSPARENTS**
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[73] E-CLEAR INTERNATIONAL CO., LTD., KR
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[54] **SYSTEME ET PROCEDE DE DETECTION DE BAS NIVEAU D'HUILE**
[72] WRIGHT, THOMAS A., US
[73] ALLISON TRANSMISSION, INC., US
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[54] **PROCEDE DE DETECTION D'ANOMALIES LORS DU REMPLISSAGE D'UN DISPOSITIF DE DOSAGE DE LIQUIDE ET DISPOSITIF DE DOSAGE DE LIQUIDE**
[72] MILLET, FREDERIC, FR
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[72] CHATENET, LUC HENRI, FR
[72] LE QUELLEC, JOHN, FR
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[54] **DETECTION OF A CONCEALED OBJECT**
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[72] KELLER, PAUL E., US
[72] MCMAKIN, DOUGLAS L., US
[72] HALL, THOMAS E., US
[72] SHEEN, DAVID M., US
[72] SEVERTSEN, RONALD H., US
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[73] GAMBER-JOHNSON LLC, US
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[54] **ENROBAGES AUTHENTIFIABLES POUR COMPRIMES PHARMACEUTIQUES ET MATIERES A INGERER**
[72] LAWANDY, NABIL M., US
[73] SPECTRA SYSTEMS CORPORATION, US
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[54] **OUTIL D'ENTRAINEMENT D'ELEMENT DE FIXATION AYANT UNE SOURCE D'ENERGIE MISE SOUS PRESSION PORTABLE**
[72] LARGO, MARC DAVID, US
[73] ILLINOIS TOOL WORKS INC., US
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[54] **FORMULE DE SEPARATION DE BOUES A L'HUILE DE CIMENT**
[72] AL-SUBHI, MOHAMMAD LAFI, SA
[72] JENNINGS, SCOTT STEVEN, SA
[72] AL-HUMAIDI, AHMAD SALEH, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
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[54] **ENSEMBLE DE COMMANDE DE VITESSE POUR UNE TONDEUSE A GAZON DERRIERE LAQUELLE ON MARCHE AUTO-PROPULSEE**
[72] HELIN, PHILIP, US
[72] BAEHR, RICK, US
[73] MTD PRODUCTS INC., US
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[54] **SYSTEME AGRICOLE POUR TRANSPORTER UN PRODUIT VERS UN RECIPIENT DE CONTENANT**
[72] HALL, KEVIN NORMAN, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **SEL D'AMMONIUM QUATERNAIRE D'UN COMPOSE AMINE SUBSTITUE PAR UN POLYALCENE**
[72] MORETON, DAVID J., GB
[72] STEVENSON, PAUL R., GB
[72] THETFORD, DEAN, GB
[72] VILARDO, JONATHAN S., GB
[73] THE LUBRIZOL CORPORATION, US
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[54] **CAPACITOR SENSORS AND SYSTEM AND METHODS FOR NON-CONTACT OBJECT DETECTION**
[54] **CAPTEURS DE CONDENSATEURS ET SYSTEMES ET PROCEDES POUR UNE DETECTION SANS CONTACT D'OBJET**
[72] GRILLS, REGINALD C., CA
[72] MATKIWSKY, YARKO, CA
[72] WARREN, GARY, CA
[72] CHUN, ALLAN, CA
[72] STEANE, STEVE, CA
[72] TAHIR, WASIM, CA
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[54] **METHOD FOR THE PURPOSE OF A CATALYTIC CONDENSATION OR COUPLING**
[54] **PROCEDE SERVANT A REALISER UN COUPLAGE OU UNE CONDENSATION CATALYTIQUE**
[72] KRAFT, AXEL, DE
[72] MENNE, ANDREAS, DE
[72] BREITKREUZ, KLAAS, DE
[72] GROSS, THORALF, DE
[72] ZIEHE, HOLGER, DE
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[54] **CONTENANT DE PRESENTATION POUR DISPOSITIFS DE FIXATION**
[72] SU, KOU-TSAIR, TW
[72] SU, YU-JUNG, TW
[73] TAIWAN SHAN YIN INT'L CO., LTD., TW
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[54] **ORAL SPRAY FORMULATIONS AND METHODS FOR ADMINISTRATION OF SILDENAFIL**
[54] **FORMULATIONS POUR PULVERISATION ORALE ET PROCEDES D'ADMINISTRATION DE SILDENAFIL**
[72] OPAWALE, FOYE, US
[72] BERGSTROM, DAVID, US
[73] SUDA LIMITED, AU
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[54] **KIT COMBINANT SERINGUE DE SECURITE ET DOSE DE SECURITE**
[72] CREATURO, MICHAEL A., US
[73] CREATURO, MICHAEL A., US
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[73] THE BOEING COMPANY, US
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[54] **IMPROVED BIOCOMPATIBLE SURFACES AND DEVICES INCORPORATING SUCH SURFACES**
[54] **SURFACES BIOCOMPATIBLES PERFECTIONNEES ET DISPOSITIFS INCORPORANT DE TELLES SURFACES**
[72] KNISLEY, KEITH A., US
[72] MARLA, VISHNU T., US
[72] RADSPINNER, RACHEL, US
[72] SILVAGNI, PAUL A., US
[72] STRID, JASON J., US
[72] VONESH, MICHAEL J., US
[73] W. L. GORE & ASSOCIATES, INC., US
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[54] **COMPOSITIONS ANTIFONGIQUES DESTINEES AU TRAITEMENT DE LA PEAU ET DES ONGLES**
[72] CAPRIOTTI, JOSEPH, US
[72] CAPRIOTTI, KARA, US
[72] LESSIN, STUART, US
[73] VELOCE BIOPHARMA LLC, US
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[54] **SYSTEME, PROCEDE ET APPAREIL DE SURVEILLANCE D'ODOMETRE POUR DETECTER L'ETAT DE LA CONNECTIVITE D'UN TERMINAL DE DONNEES MOBILES D'UN VEHICULE**
[72] SCOTT, MICHAEL, CA
[73] WEBTECH WIRELESS INC., CA
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[54] **COMMANDE DE ROUE D'APPAREIL AGRICOLE DE TRAVAIL DU SOL**
[72] SUDBRINK, MATTHEW R., US
[72] KNOBLOCH, DEAN A., US
[72] HENRY, JAMES W., CA
[72] ANDERSON, ERIC J., US
[73] CNH INDUSTRIAL AMERICA LLC, US
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[54] **SYSTEMES ET PROCEDES PERMETTANT D'ANONYMISER ET D'INTERPRETER DES ACTIVITES INDUSTRIELLES TELLES QU'APPLIQUEES AUX APPAREILS DE FORAGE**
[72] MARLAND, CHRISTOPHER N., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **EMULSIFIED ELECTRORHEOLOGICAL INKS FOR INDIRECT PRINTING**
[54] **ENCRES ELECTRORHEOLOGIQUES EMULSIFIEES POUR IMPRESSION INDIRECTE**
[72] CHOPRA, NAVEEN, CA
[72] BELELIE, JENNIFER L., CA
[72] KEOSHKERIAN, BARKEV, CA
[72] CHRETIEN, MICHELLE, CA
[73] XEROX CORPORATION, US
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[54] **DRIVING CONTROLS AND DIAGNOSTIC METHODS FOR COMMUNICATING MOTORS**
[54] **COMMANDES DE PILOTAGE ET PROCEDES DE DIAGNOSTIC POUR MOTEURS COMMUNIQUANTS**
[72] BROKER, JOHN F., US
[73] EMERSON ELECTRIC CO., US
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[54] **NOYAU MULTIMODAL TRIDIMENSIONNEL ET MODELISATION GEOLOGIQUE POUR UN DEVELOPPEMENT DE SITE OPTIMAL**
[72] SUNG, ROGER R., SA
[72] CLERKE, EDWARD A., SA
[73] ARAMCO SERVICES COMPANY, US
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2014-10-07
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[54] **ELEVATOR ARRANGEMENT AND METHOD**
[54] **AGENCEMENT D'ASCENSEUR ET PROCEDE**
[72] PERALA, JUSSI, FI
[72] RATIA, JOUNI, FI
[73] KONE CORPORATION, FI
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[54] **SYSTEM AND METHOD FOR CONTROLLING UNMANNED AERIAL VEHICLES**
[54] **SYSTEME ET PROCEDE POUR COMMANDER DES VEHICULES AERIENS SANS EQUIPAGE**
[72] SHEHATA, KAREEM, CA
[72] THIFFAULT, MATTHEW, CA
[72] PIKE, JAMES THOMAS, CA
[72] PEASGOOD, MICHAEL, CA
[72] NAGY, THOMAS, CA
[73] AERYON LABS INC., CA
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[54] **ORGANE DE COMMANDE DE CIRCULATION DU COURANT**
[72] WHITEHOUSE, ROBERT, GB
[72] BARKER, CARL DAVID, GB
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2014-11-25
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[54] **APPARATUS AND METHOD FOR BIOLOGICAL SEWAGE TREATMENT**
[54] **APPAREIL ET PROCEDE POUR LE TRAITEMENT BIOLOGIQUE DES EAUX USEES**
[72] LI, JINMIN, CN
[72] ZHOU, LIANKUI, CN
[72] LI, DAYONG, CN
[73] LI, JINMIN, CN
[73] ZHOU, LIANKUI, CN
[73] LI, DAYONG, CN
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[25] EN
[54] **COMPOSITIONS AND PROCESSES FOR DOWNHOLE CEMENTING OPERATIONS**
[54] **COMPOSITIONS ET PROCESSUS POUR DES OPERATIONS DE CIMENTATION VERS LE FOND DU TROU**
[72] SHANBHAG, RUCHIR M., US
[73] PUMPROCK, LLC, US
[85] 2014-12-23
[86] 2013-02-15 (PCT/US2013/026435)
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[30] US (13/531,540) 2012-06-23

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[25] EN
[54] **SOLAR RADIATION RECEIVER**
[54] **RECEPTEUR DE RAYONNEMENT SOLAIRE**
[72] GALDON CABRERA, CARLOS, ES
[72] NUNEZ GONZALEZ, CARLOS, ES
[73] GALDON CABRERA, CARLOS, ES
[85] 2015-01-15
[86] 2012-07-30 (PCT/ES2012/070583)
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[30] ES (P201131334) 2011-08-01

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[25] EN
[54] **COMPOUND AND PHARMACEUTICAL COMPOSITION FOR NEUROPSYCHOLOGICAL DISORDER OR MALIGNANT TUMOR**
[54] **UTILISATION D'UN COMPOSE ET D'UNE COMPOSITION PHARMACEUTIQUE POUR UN TROUBLE NEUROPSYCHOLOGIQUE OU UNE TUMEUR MALIGNE**
[72] HAGIWARA, MASATOSHI, JP
[72] ONOGI, HIROSHI, JP
[72] KII, ISAO, JP
[72] HOSOYA, TAKAMITSU, JP
[72] SUMIDA, YUTO, JP
[73] KYOTO UNIVERSITY, JP
[73] NATIONAL UNIVERSITY CORPORATION TOKYO MEDICAL AND DENTAL UNIVERSITY, JP
[73] KINOPHARMA, INC., JP
[85] 2015-01-29
[86] 2013-07-30 (PCT/JP2013/070636)
[87] (WO2014/021337)
[30] JP (2012-168850) 2012-07-30

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[51] **Int.Cl. E04B 2/74 (2006.01) E04B 2/72 (2006.01)**
[25] EN
[54] **FLOOR-TO-CEILING PARTITION WALL ASSEMBLY**
[54] **ENSEMBLE DE MUR DE SEPARATION DU PLAFOND AU PLANCHER**
[72] HAGER, ALLEN C., US
[72] SLAGER, MARK T., US
[72] MEEK, STEVEN K., US
[73] STEELCASE INC., US
[85] 2015-02-10
[86] 2013-09-17 (PCT/US2013/060119)
[87] (WO2014/043684)
[30] US (61/702,018) 2012-09-17
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[25] EN
[54] **USE OF PEDF-DERIVED POLYPEPTIDES FOR PROMOTING MUSCLE OR TENDON REGENERATION OR ARTERIOGENESIS**
[54] **UTILISATION DE POLYPEPTIDES DERIVES DE PEDF POUR FAVORISER LA REGENERATION DE MUSCLES OU DE TENDONS OU L'ARTERIOGENESE**
[72] TSAO, YEOU-PING, CN
[72] HO, TSUNG-CHUAN, CN
[73] MACKAY MEMORIAL HOSPITAL, TW
[85] 2015-02-06
[86] 2012-08-09 (PCT/CN2012/079897)
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[51] **Int.Cl. B23K 9/095 (2006.01) B23K 9/133 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING WELDING WIRE DIAMETER**
[54] **SYSTEME ET PROCEDE DE DETERMINATION DE DIAMETRE DE FIL DE SOUDAGE**
[72] HEMMERT, BRADLEY WILLIAM, US
[72] KADLEC, MARK STEVEN, US
[73] ILLINOIS TOOL WORK INC., US
[85] 2015-02-19
[86] 2013-10-25 (PCT/US2013/066906)
[87] (WO2014/085000)
[30] US (13/690,641) 2012-11-30

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[51] **Int.Cl. A47C 19/00 (2006.01) A61G 7/005 (2006.01)**
[25] EN
[54] **BED FRAME HAVING ADJUSTABLE-INCLINATION RECLINING SURFACE**
[54] **STRUCTURE DE LIT AYANT UNE SURFACE INCLINABLE A INCLINAISON REGLABLE**
[72] AMANN-JENNSON, GUENTHER W., AT
[72] GASSER, GOTTFRIED, IT
[73] SAMINA PRODUKTIONS- & HANDELS GMBH, AT
[86] (2883592)
[87] (2883592)
[22] 2015-02-27
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[25] EN
[54] **FUEL CELL SYSTEM AND CONTROL METHOD**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE COMMANDE**
[72] HOSHI, KIYOSHI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2015-04-01
[86] 2013-09-30 (PCT/JP2013/076492)
[87] (WO2014/054560)
[30] JP (2012-219534) 2012-10-01

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[25] EN
[54] **PROPYNYLAMINOINDAN TRANSDERMAL COMPOSITIONS**
[54] **COMPOSITIONS TRANSDERMIQUES DE PROPYNYLAMINOINDANE**
[72] HAMLIN, RICHARD D., US
[72] JAIN, AMIT, US
[72] WEN, JIANYE, US
[73] TEIKOKU PHARMA USA, INC., US
[85] 2015-04-08
[86] 2013-10-25 (PCT/US2013/066964)
[87] (WO2014/070622)
[30] US (61/722,044) 2012-11-02

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[51] **Int.Cl. F16L 29/02 (2006.01) F16L 37/00 (2006.01) F16L 37/12 (2006.01) F16L 37/22 (2006.01) F16N 11/00 (2006.01)**
[25] EN
[54] **GREASE DELIVERY RECEIVER AND NOZZLE HAVING PRESSURIZATION LOCKOUT AND BLEED-DOWN CAPTURE**
[54] **RECEPTACLE ET BUSE DE DISTRIBUTION DE GRAISSE AVEC ISOLEMENT DE MISE EN PRESSION ET CAPTAGE DE PURGE**
[72] COOLEY, ROBERT CHARLES, US
[73] MACKEY, DEAN EDWARD, US
[85] 2015-04-16
[86] 2012-10-19 (PCT/US2012/061220)
[87] (WO2013/059748)
[30] US (13/277,136) 2011-10-19
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[51] **Int.Cl. B23B 27/14 (2006.01) B23B 27/00 (2006.01) B23B 27/04 (2006.01) B23B 29/04 (2006.01)**
[25] EN
[54] **CUTTING TOOL AND CUTTING INSERT HAVING EXACTLY THREE CUTTING PORTIONS THEREFOR**
[54] **OUTIL DE COUPE ET SA PLAQUETTE DE COUPE COMPORTANT EXACTEMENT TROIS PARTIES DE COUPE**
[72] HECHT, GIL, IL
[73] ISCAR LTD., IL
[85] 2015-05-12
[86] 2013-12-04 (PCT/IL2013/050994)
[87] (WO2014/106836)
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[51] **Int.Cl. H05K 1/02 (2006.01) H05K 3/36 (2006.01) H05K 1/11 (2006.01)**
[25] EN
[54] **ELECTRICAL CONNECTION INTERFACE FOR CONNECTING ELECTRICAL LEADS FOR HIGH SPEED DATA TRANSMISSION**
[54] **INTERFACE DE CONNEXION ELECTRIQUE POUR CONNECTER DES FILS ELECTRIQUES POUR UNE TRANSMISSION DE DONNEES A HAUT DEBIT**
[72] KAIKKONEN, ANDREI, SE
[72] LAPIDOT, DORON, JP
[72] LUNDQVIST, LENNART, SE
[72] SVENSSON, LARS-GOTE, SE
[73] FINISAR CORPORATION, US
[85] 2015-05-13
[86] 2013-06-28 (PCT/EP2013/063694)
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[25] EN
[54] **FOOD COOKING SYSTEM**
[54] **APPAREIL DE CUISSON DES ALIMENTS**
[72] PLAZARTE, ENRIQUE, US
[72] HARRIS, JASON, US
[73] SUNBEAM PRODUCTS, INC., US
[86] (2892115)
[87] (2892115)
[22] 2015-05-20
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[51] **Int.Cl. G05B 23/02 (2006.01) B23K 9/095 (2006.01)**
[25] EN
[54] **WELDING RESOURCE PERFORMANCE COMPARISON SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COMPARAISON DES PERFORMANCES DE RESSOURCES DE SOUDAGE**
[72] LAMERS, NATHAN JOHN, US
[72] LEITERITZ, NATHAN GERALD, US
[72] FROLAND, KNUT NORMAN, US
[72] HOLVERSON, TODD EARL, US
[72] POPP, GREGORY DAVID, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2015-05-25
[86] 2014-02-22 (PCT/US2014/017862)
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[54] **FOLDABLE BOW SAW**
[54] **SCIE A ARCHET PLIANTE**
[72] BECK, GRAHAM N., CA
[72] SAMULSKI, HENRY J., CA
[72] WATSON, ARTHUR H., CA
[73] AGAWA CANYON INC., CA
[86] (2893698)
[87] (2893698)
[22] 2015-06-08
[30] US (62/009,014) 2014-06-06

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[13] C
[51] **Int.Cl. C07K 1/14 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **SELECTIVE REMOVAL OF A PROTEIN FROM A MIXTURE OF PROTEINS USING ACTIVATED CARBON BY ADJUSTING SOLUTION CONDITIONS**
[54] **EXTRACTION SELECTIVE D'UNE PROTEINE CONTENUE DANS UN MELANGE DE PROTEINES AU MOYEN DE CHARBON ACTIF PAR AJUSTEMENT DES CONDITIONS DE LA SOLUTION.**
[72] STONE, MATTHEW T., US
[72] KOZLOV, MIKHAIL, US
[73] EMD MILLIPORE CORPORATION, US
[85] 2015-06-03
[86] 2014-02-11 (PCT/US2014/015662)
[87] (WO2014/133741)
[30] US (61/769,269) 2013-02-26

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[25] EN
[54] **CONTAINER COVER WITH POUR SPOUT AND SPOON**
[54] **COUVERCLE DE CONTENANT DOTE D'UN BEC VERSEUR ET D'UNE CUILLER**
[72] HEIBERG, JAKOB, US
[73] DART INDUSTRIES INC., US
[86] (2893769)
[87] (2893769)
[22] 2015-06-03
[30] US (14/325,342) 2014-07-07

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[25] EN
[54] **PROCESS FOR THE PRODUCTION OF CHLORINATED PROPENES**
[54] **PROCEDE DE PRODUCTION DE PROPENES CHLORES**
[72] TIRTOWIDJOJO, MAX M., US
[72] LAITAR, DAVID S., US
[72] FISH, BARRY B., US
[72] GRANDBOIS, MATTHEW L., US
[73] BLUE CUBE IP LLC, US
[85] 2015-06-03
[86] 2013-12-18 (PCT/US2013/075909)
[87] (WO2014/100066)
[30] US (61/738,787) 2012-12-18

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[51] **Int.Cl. H04W 72/00 (2009.01) H04L 12/18 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MULTIMEDIA BROADCAST MULTICAST SERVICE**
[54] **PROCEDE ET APPAREIL POUR UN SERVICE DE DIFFUSION GENERALE/DIFFUSION GROUPEE DE CONTENUS MULTIMEDIAS**
[72] KORUS, MICHAEL F., US
[72] DROZT, PETER M., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2015-06-11
[86] 2013-11-26 (PCT/US2013/071828)
[87] (WO2014/099295)
[30] US (13/724,039) 2012-12-21

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[25] EN
[54] **CONCENTRATE FOR MILKY BEVERAGES**
[54] **CONCENTRE POUR BOISSONS LAITIERES**
[72] GREGG-ALBERS, JULIA L., DE
[72] WOLFSCHOON-POMBO, ALAN, DE
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2015-06-23
[86] 2015-05-06 (PCT/IB2015/000776)
[87] (WO2015/170167)
[30] GB (1408220.0) 2014-05-09

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[51] **Int.Cl. G01N 21/77 (2006.01) G01N 21/27 (2006.01) G01N 21/84 (2006.01)**
[25] EN
[54] **METHOD FOR EVALUATING MEDICAL MEASUREMENT CURVES**
[54] **PROCEDE D'EVALUATION DE COURBES DE MESURE MEDICALES**
[72] AIGNER, SIMON, DE
[72] CHEMNITIUS, GABRIELE, DE
[72] HORN, CARINA, DE
[72] LIMBURG, BERND, DE
[72] OTTENSTEIN, TIMO, DE
[72] PETRICH, WOLFGANG, DE
[72] PLUM, MARKUS, DE
[72] RINGEMANN, CHRISTIAN, DE
[72] SERR, MARKUS, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-06-22
[86] 2013-12-19 (PCT/EP2013/077348)
[87] (WO2014/096174)
[30] EP (12198445.4) 2012-12-20

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[13] C
[51] **Int.Cl. C07C 7/04 (2006.01) B01J 19/24 (2006.01) C07C 11/04 (2006.01)**
[25] EN
[54] **ETHYLENE SEPARATION PROCESS WITH REDUCED PRESSURE DE-ETHENIZER**
[54] **PROCEDE DE SEPARATION D'ETHYLENE A DESETHANISEUR A PRESSION REDUITE**
[72] SAWYER, GARY A., US
[72] BRIDGES, ROBERT S., US
[72] COLEMAN, STEVEN T., US
[72] HOOD, ALLEN DAVID, JR., US
[73] LYONDELL CHEMICAL TECHNOLOGY, L.P., US
[73] EQUISTAR CHEMICALS, LP, US
[85] 2015-06-25
[86] 2014-01-08 (PCT/US2014/010631)
[87] (WO2014/110102)
[30] US (13/738,685) 2013-01-10

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[51] **Int.Cl. B60P 3/12 (2006.01) B60D 1/56 (2006.01)**
[25] EN
[54] **ATTACHMENT SYSTEM FOR ATTACHING AN EXTERNAL COMPONENT TO A CHASSIS OF A VEHICLE**
[54] **SYSTEME D'ATTACHEMENT POUR ATTACHER UN COMPOSANT EXTERNE A UN CHASSIS D'UN VEHICULE**
[72] ARVAG, IVER, SE
[73] AARVAG'S BARGNING & MEK AB, SE
[85] 2015-06-30
[86] 2014-02-06 (PCT/SE2014/050150)
[87] (WO2014/123479)
[30] SE (1350151-5) 2013-02-08

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[13] C
[51] **Int.Cl. B63C 11/46 (2006.01) H01M 10/625 (2014.01) B63H 21/17 (2006.01)**
[25] EN
[54] **WATERCRAFT COMPRISING A REDUNDANT ENERGY ACCUMULATOR**
[54] **ENGIN NAUTIQUE A ACCUMULATEUR D'ENERGIE REDONDANT**
[72] WALPURGIS, HANS PETER, AT
[73] CAYAGO GMBH, AT
[85] 2015-07-17
[86] 2013-12-23 (PCT/EP2013/077895)
[87] (WO2014/111231)
[30] DE (10 2013 100 543.8) 2013-01-18

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[51] **Int.Cl. H01M 4/131 (2010.01) H01M 4/1391 (2010.01) H01M 4/36 (2006.01) H01M 4/62 (2006.01) H01M 4/505 (2010.01) H01M 4/525 (2010.01) H01M 10/0562 (2010.01) H01M 4/02 (2006.01)**
[25] EN
[54] **COMPOSITE ACTIVE MATERIAL, MANUFACTURING METHOD FOR COMPOSITE ACTIVE MATERIAL, AND LITHIUM SECONDARY BATTERY INCLUDING COMPOSITE ACTIVE MATERIAL**
[54] **MATERIAU ACTIF COMPOSITE, PROCEDE DE FABRICATION DU MATERIAU ACTIF COMPOSITE, ET BATTERIE SECONDAIRE AU LITHIUM COMPRENANT LE MATERIAU ACTIF COMPOSITE**
[72] IWASAKI, MASAHIRO, JP
[72] KINTSU, YUSUKE, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2015-08-06
[86] 2014-02-06 (PCT/IB2014/000119)
[87] (WO2014/122520)
[30] JP (2013-023890) 2013-02-08

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[51] **Int.Cl. G06F 21/30 (2013.01) G06K 19/07 (2006.01)**
[25] EN
[54] **RFID SECURE AUTHENTICATION**
[54] **AUTHENTIFICATION SECURISEE PAR RFID**
[72] KLAMMER, PETER F., US
[72] PATERSON, WILLIAM G., US
[73] COVIDIEN LP, US
[85] 2015-08-12
[86] 2014-02-26 (PCT/US2014/018626)
[87] (WO2014/158596)
[30] US (61/784,276) 2013-03-14
[30] US (14/189,259) 2014-02-25

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[13] C
[51] **Int.Cl. A61M 25/10 (2013.01)**
[25] EN
[54] **BALLOON SEAL STRESS REDUCTION AND RELATED SYSTEMS AND METHOD OF PRODUCTION**
[54] **REDUCTION DE CONTRAINTE DE JOINT DE BALLONNET, ET SYSTEMES ET PROCEDE DE PRODUCTION ASSOCIES**
[72] CAMPBELL, CAREY V., US
[72] GIARDINI, SEANA, US
[72] GOEPFRICH, JAMES L., US
[72] MAULDING, MATTHEW E., US
[72] TRAPP, BENJAMIN M., US
[73] W. L. GORE & ASSOCIATES, INC, US
[85] 2015-08-13
[86] 2014-02-21 (PCT/US2014/017653)
[87] (WO2014/149359)
[30] US (61/799,638) 2013-03-15
[30] US (14/185,223) 2014-02-20

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[13] C
[51] **Int.Cl. B65B 57/04 (2006.01) B65B 11/02 (2006.01) B65B 11/04 (2006.01)**
[25] EN
[54] **PACKAGING MATERIAL PROFILING FOR CONTAINMENT FORCE-BASED WRAPPING**
[54] **PROFILAGE DE MATERIAU D'EMBALLAGE POUR EMBALLAGE DE CONFINEMENT BASE SUR LA FORCE**
[72] LANCASTER, PATRICK R., III, US
[72] MITCHELL, MICHAEL P., US
[73] LANTECH.COM, LLC, US
[85] 2015-08-13
[86] 2014-02-13 (PCT/US2014/016245)
[87] (WO2014/127121)
[30] US (61/764,107) 2013-02-13

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[51] **Int.Cl. C25B 1/04 (2006.01) C25B 1/12 (2006.01) C25B 9/18 (2006.01) C25B 15/02 (2006.01)**
[25] EN
[54] **HYDROGEN PRODUCTION SYSTEM AND METHOD FOR PRODUCING HYDROGEN**
[54] **MECANISME DE PRODUCTION D'HYDROGENE ET METHODE DE PRODUCTION D'HYDROGENE**
[72] KAWAJIRI, YUKO, JP
[72] WATANABE, HISAO, JP
[72] YOSHIMURA, RYOJI, JP
[72] FUJIWARA, SEIJI, JP
[72] YAMAUCHI, HIROYUKI, JP
[72] KOMAI, MASAFUMI, JP
[72] YAMADA, MASAHIKO, JP
[72] KAMEDA, TSUNEJI, JP
[72] YOSHINO, MASATO, JP
[72] ASADA, TAKATOSHI, JP
[72] KASAI, SHIGEO, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[86] (2902528)
[87] (2902528)
[22] 2015-08-31
[30] JP (178087/2014) 2014-09-02

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[13] C
[51] **Int.Cl. E02F 9/20 (2006.01) G01S 19/49 (2010.01) G01S 17/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR HEAVY EQUIPMENT NAVIGATION AND WORKING EDGE POSITIONING USING AN IMAGE ACQUISITION DEVICE THAT PROVIDES DISTANCE INFORMATION**
[54] **SYSTEME ET PROCEDE POUR NAVIGATION D'EQUIPEMENT LOURD ET POSITIONNEMENT DE BORD DE TRAVAIL UTILISANT UN DISPOSITIF D'ACQUISITION D'IMAGE QUI PRODUIT UNE INFORMATION DE DISTANCE**
[72] MORIN, KRISTIAN, CA
[73] HEXAGON TECHNOLOGY CENTER GMBH, CH
[85] 2015-08-26
[86] 2014-03-13 (PCT/CA2014/050230)
[87] (WO2014/138985)
[30] US (13/833,697) 2013-03-15

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[13] C
[51] **Int.Cl. A61B 17/12 (2006.01)**
[25] EN
[54] **CONTINUOUS EMBOLIC COIL AND METHODS AND DEVICES FOR DELIVERY OF THE SAME**
[54] **SPIRALE D'EMBOLISATION CONTINUE, ET PROCEDES ET DISPOSITIFS POUR SA POSE**
[72] CASTLEBERRY, JEFFREY, US
[72] ALDRICH, WILLIAM, US
[72] BARKENBUS, CHARLES, US
[72] NEEDLE, STAN, US
[73] ENDOSHAPE, INC., US
[85] 2015-09-02
[86] 2014-03-13 (PCT/US2014/026315)
[87] (WO2014/160320)
[30] US (61/779,360) 2013-03-13

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[13] C
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[25] EN
[54] **SYSTEM AND METHOD FOR PERFORMING ALTERNATIVE AND SEQUENTIAL BLOOD AND PERITONEAL DIALYSIS MODALITIES**
[54] **SYSTEME ET PROCEDE DE MISE EN OEUVRE DE MODALITES ALTERNATIVES ET SEQUENTIELLES DE DIALYSE PERITONEALE ET DU SANG**
[72] ROHDE, JUSTIN BELANGER, US
[72] MINKUS, MARC STEVEN, US
[73] BAXTER INTERNATIONAL INC., US
[73] BAXTER HEALTHCARE S.A., CH
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[25] EN
[54] **COMPOUNDS FOR STABILIZING RYANODINE RECEPTORS FROM ABERRANT LEVELS OF CALCIUM RELEASE**
[54] **COMPOSES POUR STABILISER DES RECEPTEURS DE RYANODINE A PARTIR DE NIVEAUX ABERRANTS DE LIBERATION DE CALCIUM**
[72] STUTZMANN, GRACE E., US
[72] DAHL, RUSSELL, US
[72] KAIHO, CHRISTOPHER H., US
[73] ROSALIND FRANKLIN UNIVERSITY OF MEDICINE AND SCIENCE, US
[85] 2015-09-11
[86] 2014-03-14 (PCT/US2014/029155)
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[51] **Int.Cl. H04N 7/01 (2006.01) H04N 21/40 (2011.01) H04N 5/44 (2011.01)**
[25] EN
[54] **METHOD AND DEVICE FOR TRANSMITTING AND RECEIVING BROADCAST SERVICE IN HYBRID BROADCAST SYSTEM ON BASIS OF CONNECTION OF TERRESTRIAL BROADCAST NETWORK AND INTERNET PROTOCOL NETWORK**
[54] **PROCEDE ET DISPOSITIF POUR EMETTRE ET RECEVOIR UN SERVICE DE DIFFUSION DANS UN SYSTEME DE DIFFUSION HYBRIDE SUR LA BASE D'UNE CONNEXION D'UN RESEAU DE DIFFUSION TERRESTRE ET D'UNRESEAU A PROTOCOLE INTERNET**
[72] OH, SEJIN, KR
[72] MOON, KYOUNGSOO, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-09-21
[86] 2014-06-27 (PCT/KR2014/005740)
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[25] EN
[54] **ACHIEVING WATER RELEASE ZONE FOR DEWATERING THICK FINE TAILINGS BASED ON SHEARING PARAMETER SUCH AS CAMP NUMBER**
[54] **OBTENTION D'UNE ZONE DE LIBERATION D'EAU POUR DESHYDRATER DES RESIDUS FINS EPAIS EN FONCTION D'UN PARAMETRE DE CISAILLEMENT COMME LE NOMBRE DE CHAMPS**
[72] WEISS, MARVIN HARVEY, CA
[72] SANCHEZ, ANA, CA
[72] BUGG, TREVOR, CA
[72] REVINGTON, ADRIAN, CA
[73] SUNCOR ENERGY INC., CA
[86] (2908726)
[87] (2908726)
[22] 2013-06-21
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[54] **FUEL CELL SYSTEM AND CONTROL METHOD OF FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET METHODE DE COMMANDE D'UN SYSTEME DE PILE A COMBUSTIBLE**
[72] OGAWA, TOMOHIRO, JP
[72] NAGANUMA, YOSHIAKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2909842)
[87] (2909842)
[22] 2015-10-20
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[54] **ARTICULATION AND FIRING FORCE MECHANISMS**
[54] **MECANISMES D'ARTICULATION ET DE FORCE D'APPLICATION**
[72] VIOLA, FRANK J., US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2910005)
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[51] **Int.Cl. B65D 81/34 (2006.01) B65D 77/04 (2006.01) B65D 77/22 (2006.01)**
[25] EN
[54] **PACKAGE FOR COMBINED STEAM AND MICROWAVE HEATING OF FOOD**
[54] **EMBALLAGE PERMETTANT LE CHAUFFAGE COMBINE A LA VAPEUR ET A MICRO-ONDES D'ALIMENT**
[72] RESURRECCION, FERMIN P., JR., US
[72] SLOAT, JEFFREY T., US
[73] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[85] 2015-10-21
[86] 2014-05-23 (PCT/US2014/039349)
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[54] **NANO-ELECTRODE MULTI-WELL HIGH-GAIN AVALANCHE RUSHING PHOTOCONDUCTOR**
[54] **PHOTOCONDUCTEUR DE GAIN ELEVE A ACCELERATION D'AVALANCHE A PLUSIEURS PUITS POUR NANO-ELECTRODES**
[72] GOLDAN, AMIRHOSSEIN, US
[72] ZHAO, WEI, US
[72] ROWLANDS, JOHN A., CA
[73] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[85] 2015-10-28
[86] 2014-05-29 (PCT/US2014/039992)
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[51] **Int.Cl. F16H 37/02 (2006.01)**
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[54] **MECHANICALLY OPERATIONAL ARRANGEMENT FOR CONTINUOUSLY VARIABLE TRANSMISSION**
[54] **STRUCTURE MECANIQUEMENT FONCTIONNELLE POUR TRANSMISSION A VARIATION CONTINUE**
[72] HOU, YAFENG, CN
[73] HOU, YAFENG, CN
[85] 2015-11-03
[86] 2014-01-10 (PCT/CN2014/000031)
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[54] **ROTOR BLADE DEICING**
[54] **DEGIVRAGE D'AUBE DE ROTOR**
[72] ERBSLOH, SASCHA, DE
[73] SENVION GMBH, DE
[85] 2015-12-08
[86] 2014-03-17 (PCT/EP2014/000713)
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[51] **Int.Cl. A47J 31/40 (2006.01) A47J 31/46 (2006.01)**
[25] EN
[54] **DEVICE FOR IN-CUP-PREPARATION OF A BEVERAGE**
[54] **DISPOSITIF DE PREPARATION D'UNE BOISSON DANS UN GOBELET**
[72] BERGDAHL, JOHAN, CH
[72] MELDRUM, JOHN, CH
[72] HARRISON, DAVID J., US
[72] HAMEL, DAVID, CH
[72] STIEGER, MISCHA, CH
[73] NESTEC S.A., CH
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[54] **DEVICE FOR EVAPORATING VOLATILE COMPOSITIONS**
[54] **DISPOSITIF POUR L'EVAPORATION DE COMPOSITIONS VOLATILES**
[72] TURNER, RONALD DAVID, US
[72] HASENOEHRL, ERIK JOHN, US
[72] BAHM, JEANNINE REBECCA, US
[72] GRUENBACHER, DANA PAUL, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-12-04
[86] 2014-06-13 (PCT/US2014/042283)
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[51] **Int.Cl. H04L 29/06 (2006.01) H04W 40/02 (2009.01) H04L 12/28 (2006.01) H04W 40/24 (2009.01)**
[25] EN
[54] **EFFICIENT NETWORK LAYER FOR IPV6 PROTOCOL**
[54] **COUCHE RESEAU EFFICACE POUR PROTOCOLE IPV6**
[72] ERICKSON, GRANT M., US
[72] BOROSS, CHRISTOPHER A., US
[73] GOOGLE LLC, US
[85] 2015-12-22
[86] 2014-06-23 (PCT/US2014/043691)
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[54] **SWIMMING AID**
[54] **DISPOSITIF D'AIDE A LA NAGE**
[72] KIM, JEONG HUN, KR
[73] KIM, JEONG HUN, KR
[85] 2015-12-22
[86] 2014-07-01 (PCT/KR2014/005833)
[87] (WO2015/002425)
[30] KR (10-2013-0078586) 2013-07-04
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[25] EN
[54] **BRUSH HOLDER ASSEMBLY MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CONTROLE D'UN ENSEMBLE PORTE-BALAIS**
[72] CUTSFORTH, ROBERT S., US
[72] BOURDEAU, DENIS ROBERT, US
[73] CUTSFORTH PRODUCTS, INC., US
[86] (2918013)
[87] (2918013)
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[25] EN
[54] **CLEANING COMPOSITIONS CONTAINING A POLYETHERAMINE**
[54] **COMPOSITIONS DE NETTOYAGE CONTENANT UNE POLYETHERAMINE**
[72] HULSKOTTER, FRANK, DE
[72] CHRISTMAS, KEVIN PATRICK, US
[72] SCIALLA, STEFANO, US
[72] LOUGHNANE, BRIAN JOSEPH, US
[72] WAUN, AMY EICHSTADT, US
[72] REES, DARREN, GB
[72] EBERT, SOPHIA, DE
[72] LUDOLPH, BJOERN, DE
[72] WIGBERS, CHRISTOF, DE
[72] MAAS, STEFFEN, DE
[72] BOECKH, DIETER, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-01-20
[86] 2014-08-15 (PCT/US2014/051165)
[87] (WO2015/031071)
[30] US (61/869,848) 2013-08-26

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[25] EN
[54] **MULTI-THREAD BLOCK MATRIX SOLVER FOR WELL SYSTEM FLUID FLOW MODELING**
[54] **RESOLVEUR DE MATRICE A PLUSIEURS FILS POUR MODELISATION D'ECOULEMENT DE FLUIDE DE SYSTEME DE PUITS**
[72] SHETTY, DINESH ANANDA, US
[72] LIN, AVI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-21
[86] 2014-08-27 (PCT/US2014/052999)
[87] (WO2015/031531)
[30] US (61/870,716) 2013-08-27
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[25] EN
[54] **NOVEL BIPHENYL DERIVATIVE AND METHOD FOR PREPARING SAME**
[54] **NOUVEAU DERIVE DE BIPHENYLE, ET SON PROCEDE DE PREPARATION**
[72] KIM, SOON-HOE, KR
[72] IM, WEON-BIN, KR
[72] CHO, CHONG-HWAN, KR
[72] CHOI, SUN-HO, KR
[72] PARK, JUNG-SANG, KR
[72] KIM, MI-YEON, KR
[72] CHOI, SUNG-HAK, KR
[72] LEE, MIN-JUNG, KR
[72] CHO, KANG-HUN, KR
[73] DONG-A ST CO., LTD., KR
[85] 2016-01-27
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[87] (WO2015/016511)
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[51] **Int.Cl. H04J 13/12 (2011.01) H04B 7/0413 (2017.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ORTHOGONAL COVER CODE (OCC) GENERATION, AND APPARATUS AND METHOD FOR OCC MAPPING**
[54] **APPAREIL ET PROCEDE DE GENERATION DE CODE DE COUVERTURE ORTHOGONAL (OCC), ET APPAREIL ET PROCEDE DE MAPPAGE D'OCC**
[72] WANG, YI, CN
[72] ZHOU, HUA, CN
[72] WU, JIANMING, CN
[73] FUJITSU LIMITED, JP
[86] (2920176)
[87] (2920176)
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[51] **Int.Cl. F16L 33/025 (2006.01) F16L 33/035 (2006.01)**
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[54] **HOSE CLAMP**
[54] **COLLIER DE SERRAGE POUR TUYAU**
[72] SEELOS, ROBERT, CH
[73] OETIKER SCHWEIZ AG, CH
[85] 2016-02-04
[86] 2013-08-20 (PCT/EP2013/067312)
[87] (WO2015/024592)

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[51] **Int.Cl. G06F 19/10 (2011.01)**
[25] EN
[54] **PARADIGM DRUG RESPONSE NETWORKS**
[54] **RESEAUX DE REACTIONS A UN MEDICAMENT PARADIGMATIQUES**
[72] BENZ, STEPHEN CHARLES, US
[72] SZETO, CHRISTOPHER, US
[73] FIVE3 GENOMICS, LLC, US
[85] 2016-02-05
[86] 2014-05-28 (PCT/US2014/039832)
[87] (WO2014/193982)
[30] US (61/828,145) 2013-05-28
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[51] **Int.Cl. E21B 47/00 (2012.01) G01V 1/40 (2006.01) G01V 1/48 (2006.01)**
[25] EN
[54] **FIBER OPTIC VIBRATION MONITORING**
[54] **SURVEILLANCE DE VIBRATION DE FIBRE OPTIQUE**
[72] COOPER, DANIEL BOYD, US
[72] LEE, ERIK N., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-02-05
[86] 2014-08-15 (PCT/US2014/051177)
[87] (WO2015/038279)
[30] US (61/878,270) 2013-09-16

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[25] EN
[54] **SYSTEM FOR SEPARATING CONTAMINANTS FROM FLUIDS**
[54] **SYSTEME PERMETTANT DE SEPARER LES CONTAMINANTS DES FLUIDES**
[72] RAU, CHARLES B., III, US
[73] ECO SQUARED SOLUTIONS, INC., US
[85] 2016-02-12
[86] 2014-09-19 (PCT/US2014/056624)
[87] (WO2015/042443)
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[51] **Int.Cl. F16L 37/18 (2006.01) F16L 35/00 (2006.01) F16L 37/252 (2006.01)**
[25] EN
[54] **COUPLING WITH COMPONENTS WHICH PREVENT INTERCHANGEABILITY**
[54] **RACCORDEMENT A DES COMPOSANTES EMPECHANT L'INTER ECHANGEABILITE**
[72] ZONNEVELD, EDWIN J. W., CA
[72] STEAD, KELLY M., CA
[73] ZONNEVELD, EDWIN J. W., CA
[73] STEAD, KELLY M., CA
[86] (2921541)
[87] (2921541)
[22] 2016-02-22
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[13] C
[51] **Int.Cl. A61K 31/4188 (2006.01) A61P 3/00 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **COMPOSITION FOR TREATING OCULAR EFFECTS OF DIABETES**
[54] **COMPOSITION POUR LE TRAITEMENT D'EFFETS OCULAIRES DU DIABETE**
[72] WYMAN, MILTON, US
[72] BELLAVIA, VINCENT, CA
[73] THERAPEUTIC VISION, INC., US
[85] 2016-02-19
[86] 2013-10-29 (PCT/US2013/067196)
[87] (WO2015/026380)
[30] US (13/974,027) 2013-08-22

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[13] C
[51] **Int.Cl. H04N 19/86 (2014.01) H04N 19/122 (2014.01) H04N 19/159 (2014.01) H04N 19/176 (2014.01) H04N 19/30 (2014.01) H04N 19/61 (2014.01)**
[25] EN
[54] **VIDEO ENCODING METHOD AND VIDEO ENCODING APPARATUS AND VIDEO DECODING METHOD AND VIDEO DECODING APPARATUS, WHICH PERFORM DEBLOCKING FILTERING BASED ON TREE-STRUCTURE ENCODING UNITS**
[54] **PROCEDE DE CODAGE VIDEO ET APPAREIL DE CODAGE VIDEO ET PROCEDE DE DECODAGE VIDEO ET APPAREIL DE DECODAGE VIDEO, QUI REALISENT UN FILTRAGE DE DEGROUPAGE SUR LA BASE D'UNITES DE CODAGE A STRUCTURE ARBORESCENTE**
[72] HAN, WOO-JIN, KR
[72] ALSHINA, ELENA, KR
[72] MIN, JUNG-HYE, KR
[72] ALSHIN, ALEXANDER, KR
[72] KIM, IL-KOO, KR
[72] SHLYAKHOV, NIKOLAY, KR
[72] LEE, TAMMY, KR
[72] LEE, SUN-IL, KR
[72] CHEON, MIN-SU, KR
[72] CHEN, JIANLE, KR
[72] SEREGIN, VADIM, KR
[72] HONG, YOON-MI, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2922690)
[87] (2922690)
[22] 2011-04-13
[62] 2,796,368
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[51] **Int.Cl. A01M 1/20 (2006.01) A01G 13/00 (2006.01) A01M 17/00 (2006.01) A01M 21/04 (2006.01) B26F 1/26 (2006.01)**
[25] EN
[54] **SYSTEM FOR DISPENSING AGENTS TO AGRICULTURAL OR FORESTRY PRODUCTS**
[54] **ENSEMBLE DE LIBERATION DE PRINCIPES ACTIFS SUR DES PRODUITS AGRICOLES OU FORESTIERS**
[72] EUBELER, JAN, DE
[72] MAIER, LEONHARD, DE
[72] VOGGENAUER, ROBERT, DE
[72] WALLER, PAUL, DE
[72] WACHS, TILO, DE
[73] RKW SE, DE
[85] 2016-02-29
[86] 2014-09-13 (PCT/EP2014/002479)
[87] (WO2015/039740)
[30] DE (10 2013 015 323.9) 2013-09-17

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[13] C
[51] **Int.Cl. B31D 5/00 (2017.01) B65H 23/032 (2006.01)**
[25] EN
[54] **MACHINE FOR INFLATING AND SEALING AN INFLATABLE WEB**
[54] **MACHINE POUR GONFLER ET SCELLER UNE AME GONFLABLE**
[72] MURCH, BRIAN A., US
[72] LEPINE, JASON D., US
[72] SPERRY, LAURENCE B., US
[73] SEALED AIR CORPORATION (US), US
[85] 2016-03-01
[86] 2014-09-15 (PCT/US2014/055613)
[87] (WO2015/041976)
[30] US (14/029,956) 2013-09-18

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[13] C
[51] **Int.Cl. B01J 19/12 (2006.01)**
[25] EN
[54] **INSTRUMENT FOR PERFORMING MICROWAVE-ASSISTED REACTIONS**
[54] **INSTRUMENT POUR L'EXECUTION DE REACTIONS ASSISTEES PAR MICRO-ONDES**
[72] LAMBERT, JOSEPH J., US
[73] CEM CORPORATION, US
[86] (2924034)
[87] (2924034)
[22] 2012-06-28
[62] 2,781,219
[30] US (13/173534) 2011-06-30

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[13] C
[51] **Int.Cl. B64F 1/36 (2017.01) B64D 9/00 (2006.01) B64F 1/32 (2006.01)**
[25] EN
[54] **INSTALLATION FOR THE MANIPULATION OF ITEMS OF LUGGAGE**
[54] **INSTALLATION POUR LA MANIPULATION D'ARTICLES DE BAGAGE**
[72] POTTERS, MARINUS ADRIANUS MARIA, NL
[72] LENIOR, ODEKE NANDA MANON, NL
[72] SCHINKEL, EDOUARD FRANS ALEXANDER, NL
[73] VANDERLANDE INDUSTRIES B.V., NL
[85] 2016-03-14
[86] 2014-09-10 (PCT/NL2014/050619)
[87] (WO2015/037987)
[30] NL (2011445) 2013-09-16

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[13] C
[51] **Int.Cl. B65B 67/12 (2006.01) B65D 43/26 (2006.01) B65F 1/06 (2006.01) B65F 1/16 (2006.01)**
[25] EN
[54] **WASTE DISPOSAL DEVICE**
[54] **DISPOSITIF D'ELIMINATION DES DECHETS**
[72] MORAND, MICHEL, CA
[73] ANGELCARE DEVELOPMENT INC., CA
[86] (2924838)
[87] (2924838)
[22] 2010-07-30
[62] 2,769,770
[30] US (61/230,203) 2009-07-31
[30] US (61/239,867) 2009-09-04
[30] US (61/311,490) 2010-03-08

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[13] C
[51] **Int.Cl. A61M 37/00 (2006.01) A61N 1/32 (2006.01)**
[25] EN
[54] **TRANSDERMAL PORATOR AND PATCH SYSTEM AND METHOD FOR USING SAME**
[54] **SYSTEME DE FORMATION DE PORES ET DE TIMBRE TRANSDERMIQUE ET PROCEDE D'UTILISATION CORRESPONDANT**
[72] MCRAE, STUART, US
[72] BOWERMAN, WENDY E., US
[72] BRAUN, STEPHEN WILSON, US
[72] SPIEHL, REGINA, US
[72] MESSIER, BERNADETTE, US
[72] FARQUHAR, DAVID, US
[72] KOCH, ERIN MELISSA, US
[72] O'LEARY, JEREMIAH PETER, US
[72] FISHER, MARK JAMES, US
[72] KASCAK, UROS, US
[72] LANTZ, LOREN J., US
[72] NOVAKOVIC, ZORAN, US
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[54] **MISE EN CORRELATION D'ENERGIE POUR MELANGER UNE LAITANCE DE CIMENT DANS DIFFERENTES CONDITIONS DE MELANGE**
[72] SODHI, THOMAS SINGH, US
[72] OTIENO, PAULINE AKINYI, US
[72] GOEL, VIVEK S., US
[72] IVERSON, BENJAMIN JOHN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHOD OF CALIBRATING TORQUE USING PEAK HOLD MEASUREMENT ON AN ELECTRONIC TORQUE WRENCH**
[54] **METHODE D'EQUILIBRAGE DE COUPLE AU MOYEN DE MESURE DE MAINTIEN EN POINTE SUR UNE CLE DYNAMOMETRIQUE ELECTRONIQUE**
[72] KING, JERRY A., US
[72] VALLEJOS, DUANE A., US
[72] LAWTON, CHRIS, US
[73] SNAP-ON INCORPORATED, US
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[54] **DECODEUR AUDIO, APPAREIL DE PRODUCTION DE DONNEES DE SORTIE AUDIO CODEES ET PROCEDES PERMETTANT D'INITIALISER UN DECODEUR**
[72] FISCHER, DANIEL, DE
[72] CZELHAN, BERND, DE
[72] NEUENDORF, MAX, DE
[72] RETTELBACH, NIKOLAUS, DE
[72] HOFMANN, INGO, DE
[72] FUCHS, HARALD, DE
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[25] EN
[54] **INSOLUBILIZING MATERIAL FOR SPECIFIC HAZARDOUS SUBSTANCE AND METHOD FOR INSOLUBILIZING SPECIFIC HAZARDOUS SUBSTANCE WITH SAME**
[54] **MATERIAU INSOLUBILISANT POUR SUBSTANCE DANGEREUSE PARTICULIERE ET PROCEDE D'INSOLUBILISATION DE SUBSTANCE DANGEREUSE PARTICULIERE L'UTILISANT**
[72] SUGANO, KENICHI, JP
[72] MIURA, SHINICHI, JP
[72] ICHINO, YUSUKE, JP
[72] YOSHIDA, MASARU, JP
[73] YOSHINO GYPSUM CO., LTD., JP
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[54] **SYSTEMES ET PROCEDES D'INDEXATION ET DE TRAITEMENT DE DONNEES**
[72] EBAUGH, MICHAEL JOHN, US
[72] MORVANT, MATTHEW JOSEPH, US
[73] INDXIT SYSTEMS, INC., US
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[54] **CONFIGURATIONS DE SORTIE DE BUSE DE REACTEUR ET SYSTEME ET METHODES ASSOCIES**
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[73] THE BOEING COMPANY, US
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[72] CHEN, JUI-LIN, TW
[73] CHEN, JUI-LIN, TW
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[54] **A PRECUT BLANK AND PACKAGING PRODUCED FROM IT**
[54] **DECOUPE ET EMBALLAGE PRODUIT A PARTIR DE CELLE-CI**
[72] MCDONALD, JAMES, GB
[72] DE SMEDT, GERT, BE
[72] JACOBSSON, FREDRIK, SE
[73] DS SMITH PACKAGING DEUTSCHLAND STIFTUNG & CO. KG, DE
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[54] **CARTON WITH ARTICLE PROTECTION FEATURE**
[54] **CARTON DOTE D'UN ELEMENT DE PROTECTION D'ARTICLE**
[72] SCHMAL, MICHAEL R., US
[72] ALEXANDER, O'NEAL, US
[72] BALDINO, MARK, US
[72] CERIO, MICHAEL, US
[72] HOLLEY, JOHN MURDICK JR., US
[72] MONCRIEF, FRANK N., US
[72] KASTANEK, RAYMOND S., US
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[54] **PIPELINE LEAKAGE PROTECTION VAULT AND SYSTEM THEROF**
[54] **VOUTE DE PROTECTION CONTRE LES FUITES POUR PIPELINE ET SYSTEME ASSOCIE**
[72] ZULFIQUAR, MOHAMMED, GB
[73] ZULFIQUAR, MOHAMMED, GB
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[54] **INTEGRATED PIPELINE PROTECTION SYSTEM**
[54] **SYSTEME DE PROTECTION DE PIPELINE INTEGRE**
[72] ZULFIQUAR, MOHAMMED, GB
[73] ZULFIQUAR, MOHAMMED, GB
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[54] **SESSION IDLE OPTIMIZATION FOR STREAMING SERVER**
[54] **OPTIMISATION D'INACTIVITE DE SESSION POUR UN SERVEUR DE DIFFUSION EN CONTINU**
[72] VAHLSING, MATTHEW, US
[72] MAMTANI, VINOD MURLI, US
[72] MORRIS, JAMES JONATHAN, US
[72] HEINZ, GERARD JOSEPH, II, US
[72] TARAKI, QUAIS, US
[73] AMAZON TECHNOLOGIES, INC., US
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[54] **GAINES POUR DISPOSITIFS MEDICAUX EXPANSIBLES**
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[73] W. L. GORE & ASSOCIATES, INC., US
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[54] **DISPLAYING ACTIVITY ACROSS MULTIPLE DEVICES**
[54] **AFFICHAGE D'UNE ACTIVITE SUR DE MULTIPLES DISPOSITIFS**
[72] EDMONDS, KENT ANDREW, US
[73] EBAY INC., US
[85] 2016-05-05
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[54] **USE OF COMPOUNDS COMPRISING TWO OR MORE HYDROPHOBIC DOMAINS AND A HYDROPHILIC DOMAIN COMPRISING PEG MOIETIES FOR STABILIZATION OF A CELL**
[54] **UTILISATION DE COMPOSES COMPRENANT AU MOINS DEUX DOMAINES HYDROPHOBES ET UN DOMAINE HYDROPHILE CONTENANT DES FRACTIONS PEG POUR LA STABILISATION D'UNE CELLULE**
[72] JOSEL, HANS-PETER, DE
[72] HEINDL, DIETER, DE
[72] FROEHLICH, THOMAS, DE
[72] FROEHNER, STEFANIE, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-05-06
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[54] **TONER, IMAGE FORMATION DEVICE, AND PROCESS CARTRIDGE**
[54] **ENCRE EN POUDRE, DISPOSITIF DE FORMATION D'IMAGE, ET CARTOUCHE DE TRAITEMENT**
[72] INOUE, RYOTA, JP
[72] MORIYA, YOSHIHIRO, JP
[72] ISHIKAWA, MASAHIKO, JP
[72] TAKAHASHI, SATOSHI, JP
[72] YAMAGUCHI, TATSUKI, JP
[73] RICOH COMPANY, LTD., JP
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[54] **SINGLE SET OF CREDENTIALS FOR ACCESSING MULTIPLE COMPUTING RESOURCE SERVICES**
[54] **ENSEMBLE UNIQUE DE JUSTIFICATIFS D'IDENTITE POUR ACCEDER A DE MULTIPLES SERVICES DE RESSOURCES INFORMATIQUES**
[72] RIZZO, THOMAS CHRISTOPHER, US
[72] SHAH, SHON KIRAN, US
[72] MEHTA, GAURANG PANKAJ, US
[72] KOONAPARAJU, VENAKTA N. S. S. HARSHA, US
[72] RAO, GURUPRAKASH BANGALORE, US
[73] AMAZON TECHNOLOGIES, INC., US
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[54] **CONTROLLING WELLBORE DRILLING SYSTEMS**
[54] **COMMANDE DE SYSTEMES DE FORAGE DE PUITS DE FORAGE**
[72] XUE, YUZHEN, US
[72] DYKSTRA, JASON D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **CONTENANT QUI EMPECHE UNE UTILISATION ILLEGALE ET QUI PEUT ETRE FACILEMENT IDENTIFIE APRES AVOIR ETE ILLEGALEMENT UTILISE**
[72] HSIEH, ALBERT, TW
[73] VIGOURPLASTIC CO., LTD., TW
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[54] **HYDROPHOBIC AND OLEOPHOBIC COATINGS**
[54] **REVETEMENTS HYDROPHOBES ET OLEOPHOBES**
[72] KUMAR, DEEPAK, US
[72] XU, ZHIYUE, US
[73] BAKER HUGUES INCORPORATED, US
[85] 2016-05-12
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[54] **FLUID PUMP FOR A LINEAR ACTUATOR**
[54] **POMPE HYDRAULIQUE POUR UN ACTIONNEUR LINEAIRE**
[72] ZAMMUTO, JARED RET, US
[73] WARNER ELECTRIC TECHNOLOGY LLC, US
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[54] **APPAREIL DE PREPARATION DE BOISSON**
[72] YOSHIDOME, AKIHIRO, JP
[72] SUGIMOTO, NAOZUMI, JP
[72] SAKUMASU, NAHOKO, JP
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[54] **APPARATUS AND METHOD FOR THE DETECTION OF LEAKS IN A SEALED CONTAINER**
[54] **APPAREIL ET METHODE DE DETECTION DE FUITES DANS UN CONTENANT ETANCHE**
[72] FU, YUCHENG, CA
[73] 2266170 ONTARIO INC., CA
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[54] **MULTI-DOMAIN SOURCE ROUTED FORWARDING BASED ON COLLABORATING NETWORK CONTROLLERS**
[54] **ACHEMINEMENT PAR ROUTAGE A LA SOURCE DANS DES RESEAUX MULTI-DOMAINES SUR LA BASE DE CONTROLEURS DE RESEAUX DE COLLABORATION**
[72] ROCH, EVELYNE, CA
[72] ASHWOOD-SMITH, PETER, CA
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **METHOD AND SYSTEM FOR MANAGING MOBILE AND PORTABLE TWO-WAY RADIO COLLABORATION**
[54] **PROCEDE ET SYSTEME POUR GERER UNE COLLABORATION RADIO BIDIRECTIONNELLE MOBILE ET PORTABLE**
[72] TANG, XIAOPING, CN
[72] DUAN, MENGGE, CN
[72] HAN, JIAN, CN
[72] XU, LIANG, CN
[73] MOTOROLA SOLUTIONS, INC., US
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[54] **STEERABLE SURGICAL DEVICE WITH JOYSTICK**
[54] **DISPOSITIF CHIRURGICAL POUVANT ETRE COMMANDE COMPRENANT UNE MANETTE DE COMMANDE**
[72] PEREZ III, ARLEY, US
[72] WISE, MARK ALLAN, US
[73] ARTHREX, INC., US
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[86] 2015-01-13 (PCT/US2015/011121)
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[54] **POSITION DETECTION OF AN ORAL CARE IMPLEMENT**
[54] **DETECTION DE POSITION D'UN ACCESSOIRE DE SOIN BUCCAL**
[72] DOLL, ALEXANDER FRANZ, DE
[72] HALBACH, ALEXANDRE, BE
[73] BRAUN GMBH, DE
[85] 2016-05-30
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[54] **METHOD FOR PREPARING AND ISOLATING CARBOXYLIC ESTERS**
[54] **PROCEDE DE PRODUCTION ET D'ISOLEMENT D'ESTERS D'ACIDE CARBOXYLIQUE**
[72] FRITSCH, MARKUS, DE
[72] BOERNER, ARMIN, DE
[72] SHUKLOV, IVAN, DE
[72] KNEZ, ZELJKO, SK
[73] THYSSENKRUPP AG, DE
[73] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
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[54] **CABLE AND METHOD FOR THE PRODUCTION THEREOF**
[54] **CABLE ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] DREINER, MICHAEL, DE
[72] ECK, CHRISTIAN, DE
[72] FREYTH, WINFRIED, DE
[73] LEONI KABEL HOLDING GMBH, DE
[85] 2016-06-15
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[54] **METHOD AND DEVICE FOR TRENCHLESS PIPE LAYING**
[54] **PROCEDE ET DISPOSITIF DE POSE DE CONDUITES SANS TRANCHEE**
[72] LUBBERGER, MICHAEL, DE
[72] PFEFF, DIANA, DE
[73] HERRENKNECHT AG, DE
[85] 2016-06-16
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[30] DE (10 2013 021 889.6) 2013-12-23

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[51] **Int.Cl. F03B 3/14 (2006.01) F03B 13/26 (2006.01) F03D 1/06 (2006.01)**
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[54] **ANGLE-ADJUSTABLE TURBINE**
[54] **TURBINE A ANGLE REGLABLE**
[72] BORLE, DELPHIS M.C., CA
[73] BORLE, DELPHIS M.C., CA
[86] (2934152)
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[54] **UTILISATION DE MESURES DE CONTRAINTE DE FOND DE TROU POUR DETERMINER UNE GEOMETRIE D'UN SYSTEME DE FRACTURE HYDRAULIQUE**
[72] MAYERHOFER, MICHAEL J., US
[72] RANJAN, PRIYESH, US
[72] MCCOLPIN, GLENN, US
[72] WARPINSKI, NORMAN R., US
[72] AGARWAL, KARN, US
[72] JAASKELAINEN, MIKKO, US
[73] HALLIBURTON ENERGY SERVICES, INC, US
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[54] **LAVE-VAISSELLE**
[72] PARK, CHAN YOUNG, KR
[72] JUNG, MIN HO, KR
[72] JUNG, HYUN DONG, KR
[72] YOO, SOO HYUNG, KR
[72] LEE, CHANG WOOK, KR
[72] HONG, SEUNG GEE, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[86] 2014-12-30 (PCT/KR2014/013014)
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[30] KR (10-2014-0094604) 2014-07-25

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[25] EN
[54] **OPTIMIZING A GRID FOR FINITE ELEMENT SOLUTIONS FOR SUBTERRANEAN REGION SIMULATIONS**
[54] **OPTIMISATION D'UNE GRILLE POUR DES SOLUTIONS D'ELEMENTS FINIS POUR DES SIMULATIONS DE REGIONS SOUTERRAINES**
[72] CAMP, JOSHUA L., US
[72] LIN, AVI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-06-27
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[54] **CUTTER FOR SKIVING**
[54] **FRAISE A BISEAUTER**
[72] KIKUCHI, TOSHIMASA, JP
[72] NAKAMURA, YOZO, JP
[72] KOMATSU, NAOTAKA, JP
[73] MITSUBISHI HEAVY INDUSTRIES MACHINE TOOL CO., LTD., JP
[85] 2016-06-29
[86] 2015-04-13 (PCT/JP2015/061307)
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[25] EN
[54] **MULTICAST WIRELESS COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION SANS FIL DE MULTIDIFFUSION**
[72] BEKIARES, TYRONE D., US
[72] BEACH, ROBERT E., US
[72] LOGALBO, BOB, US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2016-06-29
[86] 2014-11-25 (PCT/US2014/067261)
[87] (WO2015/102778)
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[54] **LAMINATE STRUCTURE WITH ACCESS OPENINGS**
[54] **STRUCTURE STRATIFIEE DOTEE D'OUVERTURES D'ACCES.**
[72] HUFFER, SCOTT WILLIAM, US
[72] BRANYON, JACOB DONALD PRUE, US
[73] SONOCO DEVELOPMENT, INC., US
[86] (2935556)
[87] (2935556)
[22] 2016-07-08
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[51] **Int.Cl. G01F 1/58 (2006.01) G01F 15/02 (2006.01)**
[25] EN
[54] **WAFER STYLE INSERTABLE MAGNETIC FLOWMETER**
[54] **DEBITMETRE MAGNETIQUE APTE A ETRE INTRODUIT DE TYPE TRANCHE**
[72] SMITH, JOSEPH ALAN, US
[72] COTA, JEFFREY ALAN, US
[72] JUNK, BRIAN SCOTT, US
[72] ROGERS, STEVEN BRUCE, US
[73] MICRO MOTION, INC., US
[85] 2016-06-29
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[87] (WO2015/102687)
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[25] EN
[54] **TRAVELING DEVICE**
[54] **DISPOSITIF DE VOYAGE**
[72] HOSHINO, SUSUMU, JP
[73] TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION, JP
[85] 2016-06-30
[86] 2015-01-09 (PCT/JP2015/050487)
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[25] EN
[54] **OPTIMIZED METHODS FOR LARGE GROUP CALLING USING UNICAST AND MULTICAST TRANSPORT BEARERS FOR PUSH-TO-TALK-OVER-CELLULAR (POC)**
[54] **PROCEDES OPTIMISES DESTINES AUX APPELS DANS DE GRANDS GROUPES AU MOYEN DE SUPPORTS DE TRANSPORT DE DIFFUSION INDIVIDUELLE ET MULTIDIFFUSION POUR LA MESSAGERIE VOCALE INSTANTANEE (POC)**
[72] PATEL, KRISHNAKANT M., US
[72] VEMPATI, BRAHMANANDA R., US
[72] NEGALAGULI, HARISHA M., US
[73] KODIAK NETWORKS, INC., US
[85] 2016-07-06
[86] 2015-01-08 (PCT/US2015/010617)
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[25] EN
[54] **DEVICE AND METHOD FOR PORTIONING A FLOW OF INDIVIDUAL PRODUCTS**
[54] **DISPOSITIF ET PROCEDE POUR LA DIVISION D'UN FLUX DE PRODUITS EN MORCEAUX**
[72] HETZER, TOBIAS, DE
[72] PLEICHINGER, ROLAND, DE
[73] LOESCH VERPACKUNGSTECHNIK GMBH, DE
[85] 2016-07-15
[86] 2015-02-03 (PCT/EP2015/052123)
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[30] DE (10 2014 202 087.5) 2014-02-05

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[25] EN
[54] **APPARATUS FOR PRODUCING RECONFIGURABLE WALLS OF WATER**
[54] **APPAREIL SERVANT A CREER UN DEDALE DE MURS D'EAU RECONFIGURABLE**
[72] LUNDE, MONTGOMERY C., US
[72] FOLCKEMER, CLEMENT, US
[73] TECHNIFEX PRODUCTS, LLC, US
[86] (2937437)
[87] (2937437)
[22] 2011-02-25
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[25] EN
[54] **POSITIONING DEVICE FOR POSITIONING POULTRY LEGS CONVEYED IN SINGLE FILE IN THE CONVEYING DIRECTION ALONG A CONVEYOR SECTION AND METHOD COMPRISING SAID POSITIONING FOR REMOVING THETHIGH MEAT FROM POULTRY LEGS**
[54] **DISPOSITIF DE POSITIONNEMENT DESTINE A POSITIONNER DES PATTES DE VOLAILLES TRANSPORTEES EN UNE FILE DANS LE SENS DU TRANSPORT LE LONG D'UNE VOIE DE TRANSPORT, AINSI QUE PROCEDE COMPORTANT LE POSITIONNEMENT, POUR ENLEVER LA CHAIR DES CUISSES DE PATTES DE VOLAILLES**
[72] EBBERS, HERMANUS GODEFRIDUS WILHELMUS, NL
[72] GIEZEN, WILHELMUS HENRICUS BERENDINA, NL
[73] LINCO FOOD SYSTEMS A/S, DK
[85] 2016-07-28
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[25] EN
[54] **DIVERSION APPARATUS**
[54] **APPAREIL DE DEVIATION**
[72] GOUDY, ERIC SHAWN, US
[72] CASSONI, ROBERT PAUL, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-07-29
[86] 2015-03-23 (PCT/US2015/021934)
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[51] **Int.Cl. B66C 23/44 (2006.01)**
[25] EN
[54] **CRANE SOCKET FOR A LOADING CRANE**
[54] **SOCLE DE GRUE DE CHARGEMENT**
[72] WIMMER, ECKHARD, AT
[73] PALFINGER AG, AT
[85] 2016-08-09
[86] 2015-02-09 (PCT/AT2015/000019)
[87] (WO2015/120494)
[30] AT (GM 66/2014) 2014-02-14

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[25] EN
[54] **SYSTEMS AND METHODS FOR COMPONENT FAILURE-MODE SURVEILLANCE**
[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE DES MODES DE DEFAILLANCE DE COMPOSANTS**
[72] LANGLEY, ALAN MARK, CA
[72] D'EON, PHILLIP ANDREW, CA
[73] CASEBANK TECHNOLOGIES INC., CA
[85] 2016-08-12
[86] 2015-09-16 (PCT/CA2015/050899)
[87] (WO2016/041075)
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[51] **Int.Cl. E06B 9/322 (2006.01)**
[25] EN
[54] **CONTROL MODULE OF CORDLESS WINDOW COVERING**
[54] **MODULE DE COMMANDE D'UN REVETEMENT DE FENETRE SANS FIL**
[72] NIEN, CHAO-HUNG, TW
[72] CHANG, CHIH-YAO, TW
[73] NIEN MADE ENTERPRISE CO.,LTD., CN
[86] (2939725)
[87] (2939725)
[22] 2016-08-09
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[25] EN
[54] **TUBE LAMP**
[54] **LAMPE A TUBE**
[72] LIU, JIANJUN, CN
[72] LIANG, YOUQING, CN
[72] YUAN, QIBIN, CN
[73] ANGELED CO., LTD., CN
[85] 2016-08-23
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[25] EN
[54] **METHOD FOR PRODUCING A BIRD PROTECTION DEVICE AND BIRD PROTECTION DEVICE**
[54] **PROCEDE DE FABRICATION D'UN DISPOSITIF POUR LA PROTECTION DES OISEAUX ET DISPOSITIF POUR LA PROTECTION DES OISEAUX**
[72] ARNOLD, HANS-JOACHIM, DE
[72] BISCHOFF, ROBERT, DE
[72] KURBITZ, STEFFEN, DE
[72] LUSTER, ANDREAS, DE
[72] RAINER, THOMAS, DE
[73] HUNSRUCKER GLASVEREDELUNG WAGENER GMBH & CO. KG, DE
[73] HEGLA BORAIDENT GMBH & CO. KG, DE
[85] 2016-08-17
[86] 2015-02-19 (PCT/DE2015/000083)
[87] (WO2015/127919)
[30] DE (10 2014 002 644.2) 2014-02-27

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[25] EN
[54] **TRIGGER-TYPE LIQUID JETTING DEVICE**
[54] **APPAREIL A JET DE LIQUIDE DE TYPE A GACHETTE**
[72] FUJIWARA, KOTARO, JP
[72] IIZUKA, SHIGEO, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2016-08-18
[86] 2015-02-25 (PCT/JP2015/000963)
[87] (WO2015/129269)
[30] JP (2014-039946) 2014-02-28

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[25] EN
[54] **COMPOSITE MATERIAL STRUCTURE, AIRCRAFT WING AND AIRCRAFT FUSELAGE PROVIDED WITH SAME, AND METHOD FOR MANUFACTURING COMPOSITE MATERIAL STRUCTURE**
[54] **STRUCTURE EN MATERIAU COMPOSITE, AILE D'AERONEF ET FUSELAGE D'AERONEF LA COMPORTANT ET PROCEDE DE FABRICATION D'UNE STRUCTURE EN MATERIAU COMPOSITE**
[72] KASHIWAGI, MASAHIRO, JP
[72] NONAKA, YOSHINORI, JP
[72] ABE, TOSHIO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[86] 2015-03-17 (PCT/JP2015/057786)
[87] (WO2015/146690)
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[25] EN
[54] **APPARATUS FOR HEATING SMOKABLE MATERIAL AND ARTICLE OF SMOKABLE MATERIAL**
[54] **APPAREIL POUR CHAUFFER UNE SUBSTANCE A FUMER**
[72] KAUFMAN, DUANE ANTHONY, US
[72] ROBINSON, JESSE EUGENE, US
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2016-08-25
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[54] **CANCER VACCINE COMPOSITION**
[54] **COMPOSITION DE VACCIN CONTRE LE CANCER**
[72] SUGIYAMA, HARUO, JP
[73] INTERNATIONAL INSTITUTE OF CANCER IMMUNOLOGY, INC., JP
[86] (2940962)
[87] (2940962)
[22] 2008-12-05
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[54] **SYSTEMS AND METHODS FOR PREVENTING ROTATION OF ROTOR BEARINGS IN A STATOR**
[54] **SYSTEMES ET PROCEDES POUR EMPECHER LA ROTATION DE PALIERS DE ROTOR DANS UN STATOR**
[72] PERISHO, RANDAL, US
[72] KNAPP, JOHN M., US
[72] BRASHER, ANDREW J., US
[72] STEPHENS, JOHNEY W., US
[72] CAIN, SEAN A., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-08-30
[86] 2015-02-24 (PCT/US2015/017282)
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[51] **Int.Cl. C07D 241/12 (2006.01) A61K 31/496 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **NOVEL COMPOUNDS AS HISTONE DEACETYLASE 6 INHIBITORS AND PHARMACEUTICAL COMPOSITIONS COMPRISING THE SAME**
[54] **NOUVEAUX COMPOSES EN TANT QU'INHIBITEURS DE L'HISTONE DESACETYLASE 6 ET COMPOSITIONS PHARMACEUTIQUES LES COMPRENANT**
[72] SONG, HYESEUNG, KR
[72] LEE, CHANGGON, KR
[72] KWAK, DALYONG, KR
[72] LEE, JAEYOUNG, KR
[72] BAE, SUYEAL, KR
[72] KIM, YUNTAE, KR
[72] BAE, DAEKWON, KR
[72] HA, NINA, KR
[72] BAE, MISEON, KR
[72] KIM, JIHYUN, KR
[73] CHONG KUN DANG PHARMACEUTICAL CORP., KR
[85] 2016-09-02
[86] 2015-03-12 (PCT/KR2015/002417)
[87] (WO2015/137750)
[30] KR (10-2014-0028920) 2014-03-12

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[25] EN
[54] **NOVEL CROSSLINKED POLYMERIC SUBSTRATES METHODS OF PREPARATION AND END USE APPLICATIONS OF THE SUBSTRATES**
[54] **NOUVEAUX SUBSTRATS POLYMERES RETICULES, LEURS PROCEDES DE PREPARATION ET APPLICATIONS D'UTILISATION FINALE DES SUBSTRATS**
[72] ADAMSON, DOUGLAS H., US
[72] COLLINS, WARDE T., US
[72] GRAHAM, DAVID E., US
[72] MININNI, ROBERT M., US
[73] CAPTUR TECHNOLOGIES, LLC, US
[86] (2941595)
[87] (2941595)
[22] 2009-05-05
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[25] EN
[54] **FUSION PROTEIN WITH FACTOR IX ACTIVITY**
[54] **PROTEINE HYBRIDE PRESENTANT UNE ACTIVITE DU FACTEUR IX**
[72] LEE, MIN SUN, KR
[72] KIM, HUN-TAEK, KR
[72] LEE, BONG-YONG, KR
[72] PARK, MAHN HOON, KR
[72] LIM, YUN JUNG, KR
[73] TIUMBIO CO., LTD., KR
[86] (2942087)
[87] (2942087)
[22] 2011-10-19
[62] 2,814,947
[30] KR (10-2010-0102572) 2010-10-20

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[25] EN
[54] **MEDICAL IMPLEMENT FOR MANIPULATING SUTURES PARTICULARLY USEFUL IN ARTHROSCOPIC SURGERY**
[54] **INSTRUMENT MEDICAL POUR MANIPULATION DE SUTURES, PARTICULIEREMENT UTILE EN CHIRURGIE ARTHROSCOPIQUE**
[72] OREN, RAN, IL
[72] MOOR, DAN, IL
[73] T.A.G. MEDICAL DEVICES-AGRICULTURE COOPERATIVE LTD., IL
[86] (2942123)
[87] (2942123)
[22] 2010-02-17
[62] 2,751,735
[30] US (61/152,980) 2009-02-17

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[51] **Int.Cl. B29B 11/08 (2006.01) B29C 45/17 (2006.01) B29C 49/08 (2006.01)**
[25] EN
[54] **CONTAINER WITH SYNTHETIC RESIN WINDOW, PREFORM, AND PREFORM INJECTION MOLDING APPARATUS**
[54] **RECIPIENT POURVU D'UNE FENETRE EN RESINE SYNTHETIQUE, PREFORME ET APPAREIL DE MOULAGE PAR INJECTION DE PREFORMES**
[72] SOYAMA, HIDEAKI, JP
[72] ISHII, YUSUKE, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
[86] (2943444)
[87] (2943444)
[22] 2013-11-30
[62] 2,893,028
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[25] EN
[54] **BIO-ELECTRICAL SIGNAL MONITOR WITH TWO SPEAKERS**
[54] **MONITEUR DE SIGNAL BIO-ELECTRIQUE AYANT DEUX HAUT-PARLEURS**
[72] LARSEN, TINA AHLBERG, DK
[72] JENSEN, FLEMMING DAHL, DK
[72] CLAUSEN, BENT, DK
[72] CHRISTENSEN, ERIK SKOV, DK
[72] KILSGAARD, SOREN, DK
[72] JENSEN, MORTEN HOLM, DK
[72] FRIIS, LARS, DK
[73] T&W ENGINEERING A/S, DK
[85] 2016-09-23
[86] 2014-03-26 (PCT/EP2014/056010)
[87] (WO2015/144214)

[11] **2,943,714**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **INFORMATION MANAGEMENT UPDATING SYSTEM**
[54] **SYSTEME DE MISE A JOUR DE GESTION D'INFORMATION**
[72] NICHOL, KEVIN, CA
[73] AUTHENTITY SOLUTIONS INC., CA
[86] (2943714)
[87] (2943714)
[22] 2016-09-30
[30] US (62235214) 2015-09-30

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[13] C
[51] **Int.Cl. G01R 33/3815 (2006.01) H01F 6/04 (2006.01)**
[25] EN
[54] **MAGNETIC RESONANCE IMAGING SYSTEM CAPABLE OF RAPID FIELD RAMPING**
[54] **SYSTEME D'IMAGERIE PAR RESONNANCE MAGNETIQUE CAPABLE DE CROISSANCE DE CHAMP RAPIDE**
[72] STAINSBY, JEFF ALAN, CA
[72] HARRIS, CHAD TYLER, CA
[72] PANTHER, ALEXANDER GYLES, CA
[72] PIRON, CAMERON ANTHONY, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2016-10-04
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[87] (WO2017/064539)

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[51] **Int.Cl. E21B 23/01 (2006.01) E21B 33/129 (2006.01)**
[25] EN
[54] **RELATIVELY MOVABLE SLIP BODY AND WICKER FOR ENHANCED RELEASE CAPABILITY**
[54] **CORPS DE COIN DE RETENUE ET ELEMENT DE RETENUE MOBILES L'UN PAR RAPPORT A L'AUTRE POUR UNE CAPACITE DE DEGAGEMENT AMELIOREE**
[72] LEMM, WILLIAM C., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-09-29
[86] 2015-04-04 (PCT/US2015/024392)
[87] (WO2015/157129)
[30] US (14/249,682) 2014-04-10

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[51] **Int.Cl. E21B 23/01 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **SLIP RELEASE ASSEMBLY WITH CONE UNDERMINING FEATURE**
[54] **ENSEMBLE LIBERATION DE COIN DE RETENUE AYANT UNE FONCTION DE SAPEMENT DE CONE**
[72] LEMM, WILLIAM C., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-09-29
[86] 2015-04-04 (PCT/US2015/024394)
[87] (WO2015/160539)
[30] US (61/979,751) 2014-04-15
[30] US (14/609,124) 2015-01-29

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[13] C
[51] **Int.Cl. F16B 13/10 (2006.01) F16B 13/04 (2006.01)**
[25] EN
[54] **MOUNTING ASSEMBLY**
[54] **ENSEMBLE D'INSTALLATION**
[72] CHANG, DULUN, CN
[73] GLOBE UNION INDUSTRIAL CORP., TW
[86] (2946178)
[87] (2946178)
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[51] **Int.Cl. B32B 7/12 (2006.01) B32B 29/06 (2006.01) E04D 5/00 (2006.01)**
[25] EN
[54] **COATED PAPERBOARD FOR TEMPORARY ROOF PATCH**
[54] **CARTONNAGE ENDUIT DESTINE A UNE REPARATION TEMPORAIRE D'UNE TOITURE**
[72] BRYAN, APRIL NICOLE, US
[72] PESTCOE, LAWRENCE RICHARD, US
[72] KIBLER, SCOTT ERIC, US
[72] PHILLIPS, DAVID EUGENE, JR., US
[73] INTERNATIONAL PAPER COMPANY, US
[86] (2946868)
[87] (2946868)
[22] 2016-10-28
[30] US (62/248,406) 2015-10-30

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[51] **Int.Cl. C30B 25/10 (2006.01) B65D 75/00 (2006.01) C01B 33/035 (2006.01) C01B 33/037 (2006.01) C30B 25/18 (2006.01) C30B 29/06 (2006.01)**
[25] EN
[54] **POLYCRYSTALLINE SILICON ROD PAIR AND METHOD FOR PRODUCING POLYCRYSTALLINE SILICON**
[54] **PAIRE DE BARREAUX DE SILICIUM POLYCRISTALLIN ET PROCEDE DE PRODUCTION DE SILICIUM POLYCRISTALLIN**
[72] VIETZ, MATTHIAS, AT
[72] FARBER, STEFAN, DE
[73] WACKER CHEMIE AG, DE
[85] 2016-10-26
[86] 2015-10-29 (PCT/EP2015/075117)
[87] (WO2016/074939)
[30] DE (10 2014 222 883.2) 2014-11-10

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[25] EN
[54] **TARGETING VECTOR-PHOSPHOLIPID CONJUGATES**
[54] **CONJUGUES VECTEUR DE CIBLAGE-PHOSPHOLIPIDES**
[72] BUSSAT, PHILIPPE, FR
[72] CHERKAOUI, SAMIR, FR
[72] FAN, HONG HELEN, US
[72] LAMY, BERNARD, FR
[72] NANJAPPAN, PALANIAPPA, US
[72] PILLAI, RADHAKRISHNA K., US
[72] POCHON, SIBYLLE, CH
[72] SONG, BO, US
[72] SWENSON, ROLF E., US
[73] BRACCO SUISSE SA, CH
[86] (2947346)
[87] (2947346)
[22] 2006-12-08
[62] 2,826,960
[30] US (60/749,240) 2005-12-09
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[13] C
[51] **Int.Cl. E21B 33/10 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **EXPANSION LIMITER FOR EXPANDABLE SEAL**
[54] **LIMITEUR D'EXPANSION POUR JOINT EXTENSIBLE**
[72] WILLIAMS, JEFFREY C., US
[72] RONCK, BENJAMIN T., US
[72] HU, ZIPING, US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-11-01
[86] 2015-05-11 (PCT/US2015/030149)
[87] (WO2015/175407)
[30] US (14/276,496) 2014-05-13

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[51] **Int.Cl. E04D 13/04 (2006.01) E04B 1/70 (2006.01)**
[25] EN
[54] **ROLLABLE GUTTER FOR DECK STRUCTURE**
[54] **GOUTTIERE ENROULABLE POUR STRUCTURE DE TERRASSE**
[72] GOBEIL, ERIC, CA
[73] GOBEIL, ERIC, CA
[85] 2016-10-06
[86] 2015-04-17 (PCT/CA2015/000250)
[87] (WO2015/157849)
[30] US (14255564) 2014-04-17

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[51] **Int.Cl. A63B 71/08 (2006.01) A61C 5/90 (2017.01) A61C 7/08 (2006.01)**
[25] EN
[54] **ADAPTIVE MOUTH GUARD AND METHOD OF USE**
[54] **PROTEGE-DENTS ADAPTATIF ET SON PROCEDE D'UTILISATION**
[72] SCHWANK, JOHANN, US
[72] THOMAS, VALARIE, US
[72] AKERVALL, JAN, US
[73] AKERVALL TECHNOLOGIES, INC., US
[85] 2016-11-09
[86] 2015-04-27 (PCT/US2015/027693)
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[30] US (61/992,298) 2014-05-13
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[54] **TEXTURED COTTON WIPES**
[54] **LINGETTES EN COTON TEXTUREES**
[72] YUAN, JAMES, US
[73] XAMAX INDUSTRIES, INC., US
[86] (2948709)
[87] (2948709)
[22] 2011-06-10
[62] 2,838,498
[30] US (61/397,360) 2010-06-10

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[51] **Int.Cl. B01D 53/047 (2006.01) C01B 3/02 (2006.01) C01B 3/32 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING HYDROGEN WITH REDUCED CORROSION**
[54] **PROCEDE DE PRODUCTION D'HYDROGENE A CORROSION REDUITE**
[72] SICINSKI, MICHAEL ANDREW, US
[72] GRAHAM, DAVID ROSS, US
[72] FORESTER, KELLY ANN, US
[72] SILVESTRE, CANDICE DAIBES, US
[72] LOUGHNEY, GERALD MICHAEL, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[86] (2949499)
[87] (2949499)
[22] 2016-11-24
[30] US (14/950,044) 2015-11-24

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[51] **Int.Cl. F16K 31/60 (2006.01) B61D 5/00 (2006.01) B61D 7/26 (2006.01)**
[25] EN
[54] **DISENGAGING HANDLE ASSEMBLY FOR A BOTTOM OUTLET VALVE**
[54] **MECANISME DE POIGNEE DE DEGAGEMENT DESTINE A UNE VANNE DE SORTIE AU BAS**
[72] THOMPSON, NICHOLAS, US
[72] WALTER, GARY, US
[73] UNION TANK CAR COMPANY, US
[86] (2949530)
[87] (2949530)
[22] 2016-11-23
[30] US (14/949,486) 2015-11-23

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[25] EN
[54] **APPARATUS FOR SUPPORTING A WHEEL OF A VEHICLE**
[54] **APPAREIL DESTINE A PORTER UNE ROUE DE VEHICULE**
[72] DANTAS, ROY J., CA
[72] MUSTATA, ALEXANDRU P., CA
[73] SNAP-ON TOOLS OF CANADA, LTD., CA
[86] (2949540)
[87] (2949540)
[22] 2010-09-14
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[30] US (61/242,248) 2009-09-14

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[51] **Int.Cl. A61F 2/46 (2006.01) A61B 17/56 (2006.01) A61L 24/06 (2006.01) B28C 5/46 (2006.01)**
[25] EN
[54] **VACUUM MIXING DEVICE WITH OPERATING ELEMENT, PRESSURE PUMP, AND VACUUM PUMP FOR MIXING POLYMETHYLMETHACRYLATE BONE CEMENT**
[54] **DISPOSITIF DE MELANGE A VIDE DOTE D'UN ELEMENT FONCTIONNEL, D'UNE POMPE A PRESSION ET D'UNE POMPE A VIDE SERVANT A MELANGER DU CIMENT ORTHOPEDIQUE PMMA**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2950124)
[87] (2950124)
[22] 2016-11-30
[30] DE (10 2015 121 277.3) 2015-12-07

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[13] C
[51] **Int.Cl. B63H 21/38 (2006.01) B63H 21/17 (2006.01) B63J 2/12 (2006.01) H02K 9/12 (2006.01)**
[25] EN
[54] **POD PROPULSION UNIT OF A SHIP**
[54] **UNITE DE PROPULSION EN NACELLE DE NAVIRE**
[72] KOSSO, ANTTO, FI
[72] LAHTINEN, LASSE, FI
[72] SAKKINEN, PETRI, FI
[73] ABB SCHWEIZ AG, CH
[85] 2016-11-24
[86] 2015-05-21 (PCT/EP2015/061269)
[87] (WO2015/181043)
[30] EP (14170562.4) 2014-05-30

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[13] C
[51] **Int.Cl. A63H 17/00 (2006.01)**
[25] EN
[54] **DOUBLE-SIDED TOY CAR CAPABLE OF VERTICAL TURNING WITHIN SEALED TRACK**
[54] **VOITURE JOUET DOUBLE FACE POUVANT TOURNER VERTICALEMENT A L'INTERIEUR D'UNE PISTE CLOSE**
[72] CAI, DONGQING, CN
[73] ALPHA GROUP CO., LTD., CN
[73] GUANGDONG AULDEY ANIMATION & TOY CO., LTD., CN
[73] GUANGZHOU ALPHA CULTURE COMMUNICATIONS CO., LTD., CN
[85] 2016-11-24
[86] 2015-06-30 (PCT/CN2015/082913)
[87] (WO2016/050103)
[30] CN (201410517935.7) 2014-09-30

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[25] EN
[54] **AUTOMATIC INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION AUTOMATIQUE**
[72] JULIAN, JOSEPH F., US
[72] ROLFE, STEVEN, GB
[72] BICKNELL, STEPHEN, GB
[72] MARSHALL, JEREMY, GB
[73] ABBVIE BIOTECHNOLOGY LTD., BM
[86] (2950817)
[87] (2950817)
[22] 2007-06-29
[62] 2,885,759
[30] US (60/918,174) 2007-03-14
[30] US (60/904,626) 2007-03-01
[30] US (60/899,262) 2007-02-02
[30] US (60/849,967) 2006-10-06
[30] US (60/838,905) 2006-08-18
[30] US (60/818,231) 2006-06-30
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[25] EN
[54] **FEBRIFUGINE DERIVATIVES AND THEIR USE AS PROLYL-TRNA SYNTHETASE (PRS) INHIBITORS**
[54] **DERIVES DE FEBRIFUGINE ET LEUR UTILISATION COMME INHIBITEURS DE LA PROLYL-TRNA SYNTHETASE (PRS)**
[72] PARK, JOON SEOK, KR
[72] YOON, YOUN JUNG, KR
[72] CHO, MIN JAE, KR
[72] LEE, HO BIN, KR
[72] YOO, JA KYUNG, KR
[72] LEE, BONG YONG, KR
[73] DAEWOONG PHARMACEUTICAL CO., LTD., KR
[85] 2016-12-09
[86] 2015-06-23 (PCT/KR2015/006377)
[87] (WO2015/199418)
[30] KR (10-2014-0076674) 2014-06-23

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[25] FR
[54] **MECHANICAL TRANSMISSION ASSEMBLY FOR A MAIL-STACKING UNIT WITH A CLUTCH-BRAKE AND ELLIPTICAL GEARING**
[54] **ENSEMBLE DE TRANSMISSION MECANIQUE POUR UNE UNITE D'EMPILAGE DU COURRIER AVEC UN EMBRAYAGE-FREIN ET UN ENGRENAGE ELLIPTIQUE**
[72] BEAUGRAND, WILFRID, FR
[73] SOLYSTIC, FR
[85] 2017-01-04
[86] 2015-08-20 (PCT/FR2015/052232)
[87] (WO2016/038268)
[30] FR (1458424) 2014-09-09

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[13] C
[51] **Int.Cl. H01S 3/067 (2006.01) G02B 6/46 (2006.01) H01S 3/042 (2006.01)**
[25] EN
[54] **OPTICAL FIBER COOLING DEVICE AND LASER OSCILLATOR**
[54] **DISPOSITIF DE REFROIDISSEMENT DE FIBRE OPTIQUE ET OSCILLATEUR LASER**
[72] MURAKAMI, MASANAO, JP
[72] SCHAEFER, CHRISTIAN, JP
[73] MITSUBOSHI DIAMOND INDUSTRIAL CO., LTD., JP
[85] 2017-01-24
[86] 2015-07-15 (PCT/JP2015/070291)
[87] (WO2016/013468)
[30] JP (2014-152012) 2014-07-25

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[13] C
[51] **Int.Cl. B32B 33/00 (2006.01) B32B 38/14 (2006.01) C09K 11/77 (2006.01)**
[25] EN
[54] **LAMINATE FOIL MATERIAL BEARING LUMINESCENT TAG**
[54] **MATERIAU EN FEUILLE STRATIFIE PORTANT UNE ETIQUETTE LUMINESCENTE**
[72] FU, YUCHENG, CA
[72] TROMBETTA, LIBERATORE, CA
[73] 2266170 ONTARIO INC., CA
[85] 2017-03-17
[86] 2015-12-01 (PCT/CA2015/051247)
[87] (WO2016/086296)
[30] US (62/085,747) 2014-12-01

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[13] C
[51] **Int.Cl. H04N 19/96 (2014.01)**
[25] EN
[54] **VIDEO-ENCODING METHOD AND VIDEO-ENCODING APPARATUS BASED ON ENCODING UNITS DETERMINED IN ACCORDANCE WITH A TREE STRUCTURE, AND VIDEO-DECODING METHOD AND VIDEO-DECODING APPARATUS BASED ON ENCODING UNITS DETERMINED IN ACCORDANCE WITH A TREE STRUCTURE**
[54] **PROCEDE DE CODAGE VIDEO ET APPAREIL DE CODAGE VIDEO BASES SUR DES UNITES DE CODAGE DETERMINEES SELON UNE STRUCTURE ARBORESCENTE, ET PROCEDE DE DECODAGE VIDEO ET APPAREIL DE DECODAGE VIDEO BASES SUR DES UNITES DE CODAGE DETERMINEES SELON UNE STRUCTURE ARBORESCENTE**
[72] MIN, JUNG-HYE, KR
[72] HAN, WOO-JIN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2962290)
[87] (2962290)
[22] 2011-04-13
[62] 2,796,364
[30] US (61/323,449) 2010-04-13

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[51] **Int.Cl. H01H 36/02 (2006.01) E03F 5/10 (2006.01) E03F 5/22 (2006.01)**
[25] EN
[54] **MULTIPLE SWITCH FLOAT SWITCH APPARATUS HAVING A MAGNETIC COUPLING**
[54] **APPAREIL D'INTERRUPTEUR A FLOTTEUR POUR INTERRUPTEUR MULTIPLE COMPORTANT UN RACCORD MAGNETIQUE**
[72] NOEL, RAYMOND, CA
[73] NOEL, RAYMOND, CA
[86] (2963781)
[87] (2963781)
[22] 2017-04-07
[30] US (15/092,680) 2016-04-07

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[51] **Int.Cl. C12N 1/20 (2006.01)**
[25] EN
[54] **MICROORGANISM FOR PRODUCING L-GLUTAMINE AND METHOD FOR PRODUCING L-GLUTAMINE USING SAME**
[54] **MICROORGANISME POUR LA PRODUCTION DE L-GLUTAMINE ET PROCEDE DE PRODUCTION DE L-GLUTAMINE UTILISANT CE MICROORGANISME**
[72] LEE, JIN NAM, KR
[72] BACK, SEUNG HEE, KR
[72] SUNG, JIN SEOK, KR
[72] SONG, TAE HO, KR
[72] WOO, HA DONG, KR
[72] LEE, KYUNG CHANG, KR
[72] JANG, JAE WOO, KR
[73] CJ CHEILJEDANG CORP., KR
[85] 2017-04-06
[86] 2015-09-22 (PCT/KR2015/009909)
[87] (WO2016/056773)
[30] KR (10-2014-0135959) 2014-10-08

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[51] **Int.Cl. B03B 9/02 (2006.01) B03D 1/02 (2006.01)**
[25] EN
[54] **WATER-BASED OIL SAND EXTRACTION USING OVERWASH**
[54] **EXTRACTION DE SABLES BITUMINEUX A BASE D'EAU UTILISANT L'ENNOIEMENT**
[72] SAKUHUNI, GIVEMORE, CA
[72] CASTELLANOS DUARTE, DIANA Y., US
[72] CULLINANE, JOHN T., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2965582)
[87] (2965582)
[22] 2017-04-28

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[51] **Int.Cl. C07B 39/00 (2006.01) C07C 17/275 (2006.01) C07C 22/08 (2006.01) C07C 41/30 (2006.01) C07C 43/225 (2006.01) C07C 45/69 (2006.01) C07C 49/80 (2006.01) C07D 207/325 (2006.01) C07D 207/333 (2006.01) C07D 209/10 (2006.01) C07D 333/12 (2006.01) C07D 473/08 (2006.01) C07D 473/10 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARATION OF FLUORO, CHLORO AND FLUOROCHLORO ALKYLATED COMPOUNDS BY HOMOGENEOUS CATALYSIS**
[54] **PROCEDE DE PREPARATION DE COMPOSES FLUORO, CHLORO ET FLUOROCHLORO ALKYLES PAR CATALYSE HETEROGENE**
[72] TAESCHLER, CHRISTOPH, CH
[72] ZARAGOZA DOERWALD, FLORENCIO, CH
[72] ELLINGER, STEFAN, CH
[72] BELLER, MATTHIAS, DE
[72] NEUMANN, HELFRIED, DE
[72] HE, LIN, DE
[72] NATTE, KISHORE, DE
[73] LONZA LTD, CH
[85] 2017-05-04
[86] 2015-11-05 (PCT/EP2015/075763)
[87] (WO2016/071425)
[30] US (62/076,618) 2014-11-07
[30] EP (14192280.7) 2014-11-07
[30] EP (15181003.3) 2015-08-13
[30] EP (15181019.9) 2015-08-14

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[13] C
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[25] EN
[54] **LASER LIGHT SOURCE DEVICE AND VIDEO DISPLAY DEVICE**
[54] **DISPOSITIF DE SOURCES DE LUMIERE LASER ET DISPOSITIF D'AFFICHAGE VIDEO**
[72] KIJIMA, TAKUMI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2017-05-19
[86] 2016-01-19 (PCT/JP2016/051403)
[87] (WO2016/117540)
[30] JP (2015-010926) 2015-01-23

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[13] C
[51] **Int.Cl. B29D 30/16 (2006.01)**
[25] EN
[54] **METHOD OF APPLYING A POST CURE LAMINATE TO A TIRE**
[54] **PROCEDE D'APPLICATION D'UN STRATIFIE POSTDURCISSEMENT A UN PNEU**
[72] STUCKEY, JON I., US
[72] BARNED, ROBERT G., US
[72] KIRBY, JAMES M., US
[73] BRIDGESTONE AMERICAS TIRE OPERATIONS, LLC, US
[85] 2017-05-24
[86] 2015-11-17 (PCT/US2015/061048)
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[30] US (62/095,463) 2014-12-22

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[25] EN
[54] **POLYAMIDE COMPOSITION FOR MANUFACTURING STRETCHED FILMS**
[54] **COMPOSITION DE POLYAMIDE DESTINEE A LA FABRICATION DE PELLICULES ETIREES**
[72] OTSUKA, KOSUKE, JP
[72] KATO, TOMONORI, JP
[73] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
[85] 2017-06-05
[86] 2016-07-07 (PCT/JP2016/070081)
[87] (WO2017/010390)
[30] JP (2015-141872) 2015-07-16

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[13] C
[51] **Int.Cl. H02B 11/127 (2006.01) H01H 3/26 (2006.01) H01H 9/20 (2006.01) H01H 33/36 (2006.01)**
[25] EN
[54] **SWITCHGEAR MOTOR OPERATOR**
[54] **ACTIONNEUR A MOTEUR D'APPAREILLAGE DE COMMUTATION**
[72] BEYGINIAN, ALBERT, US
[72] CHISHOLM, MICHAEL, US
[72] KERR, TERRY, US
[73] S&C ELECTRIC COMPANY, US
[85] 2017-06-06
[86] 2015-04-10 (PCT/US2015/025307)
[87] (WO2015/157631)
[30] US (61/978,505) 2014-04-11
[30] US (14/683,249) 2015-04-10

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[54] **EPANDEUSE**
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[72] KUECHLER, KEVIN J., US
[72] GAMBLE, ROBERT N., II, US
[72] BREHMER, JACOB R., US
[73] SNO-WAY INTERNATIONAL, INC., US
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[54] **A DELIVERY, STORAGE AND BLENDING SYSTEM FOR MULTI-COMPONENT GRANULAR COMPOSITIONS**
[54] **UN SYSTEME DE DISTRIBUTION, RANGEMENT ET MELANGE DESTINE A DES COMPOSITIONS GRANULAIRES MULTICOMPOSANTES**
[72] MCIVER, TERRY, US
[72] CUNNINGHAM, JOHN, US
[72] MANAGAN, WILLIAM VAUGHN, US
[72] MATKOWSKI, JOE DANIEL, US
[72] HUGHES, TAMARA, US
[73] SOLARIS OILFIELD SITE SERVICES OPERATING LLC, US
[86] (2971339)
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[54] **METHOD FOR PREPARATION OF CERTAIN 1,5 DISUBSTITUTED TETRAZOLES**
[54] **METHODE DE PREPARATION DE CERTAINS TETRAZOLES 1,5 DISUBSTITUES**
[72] ZARAGOZA DOERWALD, FLORENCIO, CH
[73] LONZA LTD, CH
[85] 2017-06-23
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[54] **DEVICE AND METHOD FOR QUANTIZING AND INVERSE QUANTIZING LPC FILTERS IN A SUPER-FRAME**
[54] **DISPOSITIF ET PROCEDE DE QUANTIFICATION ET DE QUANTIFICATION INVERSE DE FILTRES A CODAGE PREDICTIF LINEAIRE DANS UNE SUPERTRAME**
[72] GOURNAY, PHILIPPE, CA
[72] BESSETTE, BRUNO, CA
[72] SALAMI, REDWAN, CA
[73] VOICEAGE CORPORATION, CA
[86] (2972812)
[87] (2972812)
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[54] **CARTOUCHE DE MATERIAU D'IMPRESSION**
[72] JERAN, PAUL, US
[73] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
[85] 2017-07-24
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[54] **AUDIO DECODER**
[54] **DECODEUR AUDIO**
[72] RESCH, BARBARA, SE
[72] KJORLING, KRISTOFER, SE
[72] VILLEMOES, LARS, SE
[73] DOLBY INTERNATIONAL AB, NL
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[54] **PROCEDE D'ELIMINATION DE GLUCOSINOLATES A PARTIR DE FARINES DE GRAINES OLEAGINEUSES**
[72] HETHERINGTON, MARK, CA
[72] HOFFMAN, TRAVIS, CA
[72] LINDENBAUM, MICHAEL, CA
[73] AGRISOMA BIOSCIENCES INC., CA
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[25] EN
[54] **FUSION PROTEIN WITH FACTOR IX ACTIVITY**
[54] **PROTEINE DE FUSION AYANT UNE ACTIVITE DU FACTEUR IX**
[72] LEE, MIN SUN, KR
[72] KIM, HUN-TAEK, KR
[72] LEE, BONG-YONG, KR
[72] PARK, MAHN HOON, KR
[72] LIM, YUN JUNG, KR
[73] TIUMBIO CO., LTD., KR
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[54] **COLLECTEUR DE DEBLAIS DE FORAGE**
[72] XU, ZHIYUE, US
[72] HARPER, JASON M., US
[72] SANCHEZ, JAMES S., US
[72] KING, JAMES G., US
[72] O'MALLEY, EDWARD, GB
[73] BAKER HUGHES, A GE COMPANY, LLC, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING PROPER PHASE ROTATION IN DOWNHOLE LINEAR MOTORS**
[54] **SYSTEMES ET PROCEDES POUR DETERMINER UNE ROTATION DE PHASE CORRECTE DANS DES MOTEURS LINEAIRES DE FOND DE TROU**
[72] PICHILINGUE, RENATO L., US
[73] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2017-11-30
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[25] EN
[54] **START CONTROL DEVICE FOR HYBRID VEHICLE**
[54] **DISPOSITIF DE COMMANDE DE DEMARRAGE POUR VEHICULE HYBRIDE**
[72] YAGI, HIDEKAZU, JP
[72] KOGA, MASATO, JP
[72] TSUKIZAKI, ATSUSHI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-12-04
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[54] **THICKENING GLYPHOSATE FORMULATIONS WITH NITROGEN CONTAINING SURFACTANTS**
[54] **FORMULES DE GLYPHOSPHATE EPAISSISSANTES A L'AZOTE RENFERMANT DES SURFACTANTS**
[72] ZHU, SHAWN, US
[73] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[86] (2989075)
[87] (2989075)
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[25] EN
[54] **APPARATUS FOR HYDROGEN PRODUCTION BY ELECTROLYTIC-DECOMPOSITION WITH GAS-OPERATED OSCILLATION SYSTEM**
[54] **APPAREILLAGE DE PRODUCTION D'HYDROGENE PAR DECOMPOSITION ELECTROLYTIQUE COMPORTANT UN SYSTEME D'OSCILLATION FONCTIONNANT AU GAZ**
[72] JOEL, KEVIN, CA
[73] JOEL, KEVIN, CA
[86] (2992694)
[87] (2992694)
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[54] **POLYPROPYLENE COMPOSITION WITH IMPROVED HOT-TACK FORCE**
[54] **COMPOSITION DE POLYPROPYLENE PRESENTANT UNE MEILLEURE FORCE D'ADHERENCE A CHAUD**
[72] WANG, JINGBO, AT
[72] EK, CARL-GUSTAF, SE
[72] SONMEZ, ANIL, AT
[72] BERNREITNER, KLAUS, AT
[72] GAHLEITNER, MARKUS, AT
[73] BOREALIS AG, AT
[85] 2018-01-24
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[54] **ALIGNMENT TOOL**
[54] **OUTIL D'ALIGNEMENT**
[72] FRIEDEBACH, ADOLF HANS, US
[73] TSO PRODUCTS, LLC, US
[85] 2018-01-30
[86] 2017-06-29 (PCT/US2017/040056)
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[25] EN
[54] **DYNAMIC THRESHOLD METHODS, SYSTEMS, COMPUTER READABLE MEDIA, AND PROGRAM CODE FOR FILTERING NOISE AND RESTORING ATTENUATED HIGH-FREQUENCY COMPONENTS OF ACOUSTIC SIGNALS**
[54] **METHODES DE SEUIL DYNAMIQUE, SYSTEME, SUPPORT INFORMATIQUE ET CODE DE PROGRAMME DESTINES A FILTRER LE BRUIT ET RESTAURER LES COMPOSANTES HAUTEF REQUENCE ATTENUEES DES SIGNAUX ACOUSTIQUES**
[72] YANG, YUNLAI, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[86] (2995482)
[87] (2995482)
[22] 2014-09-12
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[25] EN
[54] **DYNAMIC THRESHOLD METHODS, SYSTEMS, COMPUTER READABLE MEDIA, AND PROGRAM CODE FOR FILTERING NOISE AND RESTORING ATTENUATED HIGH-FREQUENCY COMPONENTS OF ACOUSTIC SIGNALS**
[54] **METHODES DE SEUIL DYNAMIQUE, SYSTEME, SUPPORT INFORMATIQUE ET CODE DE PROGRAMME DESTINES A FILTRER LE BRUIT ET RESTAURER LES COMPOSANTES HAUTE FREQUENCE ATTENUEES DES SIGNAUX ACOUSTIQUES**
[72] YANG, YUNLAI, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[86] (2995530)
[87] (2995530)
[22] 2014-09-12
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[54] **GEOTEXTILE-BASED STRUCTURE FOR VEGETATIVE GROWTH ENHANCEMENT AND EROSION RESISTANCE**
[54] **STRUCTURE A BASE DE GEOTEXTILE DESTINEE A L'AMELIORATION DE LA CROISSANCE DES VEGETAUX ET LA RESISTANCE A L'EROSION**
[72] MANNING, SCOTT D., US
[72] PIERCE, LEE R., US
[73] PROPEX OPERATING COMPANY, LLC, US
[86] (2996193)
[87] (2996193)
[22] 2018-02-22
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[25] EN
[54] **CUSTOMIZED CONTENT CHANNEL GENERATION AND DELIVERY FOR SERVICE PROVIDERS**
[54] **GENERATION ET DISTRIBUTION DE CANAUX DE CONTENU PERSONNALISE POUR PRESTATAIRES DE SERVICES**
[72] CHAN, CHRISTOPHER YEN-CHU, US
[72] GUAN, LAN, US
[72] BOLZE, JOHN D., US
[72] KIM, THOMAS, CA
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[85] 2018-02-26
[86] 2016-08-25 (PCT/US2016/048566)
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[51] **Int.Cl. H04L 12/721 (2013.01) H04W 12/12 (2009.01) G06F 21/71 (2013.01) H04L 29/06 (2006.01)**
[25] EN
[54] **SOFTWARE-DEFINED NETWORK THREAT CONTROL**
[54] **LUTTE CONTRE LES MENACES DE RESEAU DEFINI PAR LOGICIEL**
[72] BALMAKHTAR, MAROUANE, US
[72] RAJAGOPAL, ARUN, US
[73] SPRINT COMMUNICATIONS COMPANY L.P., US
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[72] CHAPMAN, BRENDAN VAUGHAN, AU
[71] CHAPMAN, BRENDAN VAUGHAN, CA
[22] 2017-01-09
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[51] **Int.Cl. A41D 17/00 (2006.01)**
[25] EN
[54] **DUCKTAIL WEATHERPROOF WRAPS**
[54] **ATTACHES ETANCHES EN QUEUE DE CANARD**
[72] CARTER, DEBORAH, CA
[71] CARTER, DEBORAH, CA
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[51] **Int.Cl. B65H 75/34 (2006.01) B65H 49/38 (2006.01) F16L 3/23 (2006.01) A45F 5/00 (2006.01)**
[25] EN
[54] **CORD-KEY**
[54] **CORDON-CLE**
[72] UNKNOWN, ZZ
[71] JEVNE, GLEN, CA
[71] WILSON, JOHN, CA
[22] 2017-01-11
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[25] EN
[54] **ASSAY BY SMELTING: PRECIOUS METAL ANALYSIS AND PRODUCTION**
[54] **ESSAI PAR FUSION : ANALYSE DE METAL PRECIEUX ET PRODUCTION**
[72] UNKNOWN, ZZ
[71] WELK, PAUL, CA
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[25] EN
[54] **INSITU REGENERATIVE EXERGY RECUPERATOR (I.R.E.R.)**
[54] **RECUPERATEUR D'EXERGIE REGENERATRICE SUR PLACE**
[72] UNKNOWN, ZZ
[71] BARDSLEY, JAMES EDWARD, CA
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[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING STROKE LENGTH AND STROKE SPEED IN A CONVENTIONAL PUMP JACK**
[54] **METHODE ET SYSTEME DE CONTROLE DE LA LONGUEUR DE COURSE ET DE LA VITESSE DE COURSE DANS UN CHEVALET DE POMPAGE HYDRAULIQUE CONVENTIONNEL**
[72] HASELOH, PETER G., CA
[71] HASELOH, PETER G., CA
[22] 2017-01-12
[41] 2018-07-12

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[13] A1
[51] **Int.Cl. G16H 40/20 (2018.01) H04W 4/14 (2009.01) G16H 80/00 (2018.01)**
[25] EN
[54] **A SECURE SYSTEM FOR A REMOTE HEALTH CARE PROVIDER TO CONSULT WITH A CARE TEAM**
[54] **UN SYSTEME SECURITAIRE DESTINE A LA CONSULTATION ENTRE UN FOURNISSEUR DE SOINS DE SANTE DISTANT ET UNE EQUIPE DE SOINS**
[72] BLANSHARD, PATRICK, CA
[72] SOBUT, TOM, CA
[72] KRASNOV, ANDREW, CA
[71] SENSORY TECHNOLOGIES INC., CA
[22] 2017-01-11
[41] 2018-07-11

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[51] **Int.Cl. B01F 13/08 (2006.01)**
[25] EN
[54] **ENCASED TEMPERATURE AND CRACK RESISTANT MAGNETIC STIRRING BAR**
[54] **BARRE DE MELANGE MAGNETIQUE ENVELOPPEE RESISTANT AU FENDILLEMENT ET A LA TEMPERATURE**
[72] XIE, JINHAI, CA
[72] XIAN, HONG QING, CA
[71] EVERBLUE HYDROGEN TECHNOLOGIES INC., CA
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[25] EN
[54] **MULTI-ACRYLATE ANIONIC FLOCCULANTS**
[54] **FLOCULENTS ANIONIQUES MULTIACRYLATE**
[72] SORTWELL, EDWIN T., US
[71] SORTWELL & CO., US
[22] 2017-01-13
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[51] **Int.Cl. E06B 1/70 (2006.01) E06B 7/14 (2006.01)**
[25] EN
[54] **DOOR SILL ASSEMBLY AND SILL NOSING THEREOF**
[54] **ENSEMBLE DE SEUIL DE PORTE ET NEZ DE SEUIL ASSOCIE**
[72] BOOSTANI, NIMA, CA
[72] SMITH, RYAN, CA
[72] TYRE, CHERRILL, CA
[72] PANAHANDEH, FARDIN, CA
[72] SHERIDAN, SCOTT, CA
[71] PREMIUM WEATHERSTRIPPING INC., CA
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[51] **Int.Cl. B61D 19/00 (2006.01)**
[25] EN
[54] **RAILROAD CAR AND END DOOR ASSEMBLY THEREFOR**
[54] **WAGON ET ENSEMBLE DE PORTE D'EXTREMITE ASSOCIE**
[72] VEIT, OLIVER M., CA
[72] BLACK, KENNETH WAYNE, CA
[72] SUFFOLETTA, MARK ANTHONY, CA
[72] FORBES, JAMES W., CA
[72] BATCHELOR, JAMES, CA
[71] NATIONAL STEEL CAR LIMITED, CA
[22] 2017-01-11
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[51] **Int.Cl. A63H 33/10 (2006.01) A63G 31/00 (2006.01) E04H 17/14 (2006.01)**
[25] EN
[54] **COMBINATION STRUCTURE FOR A LABYRINTH**
[54] **STRUCTURE DE COMBINAISON DESTINEE A UN LABYRINTHE**
[72] CHEN, CHIA-CHERN, CN
[72] CHEN, CHENG-HUI, TW
[71] CHEN, CHIA-CHERN, CN
[71] CHEN, CHENG-HUI, TW
[22] 2017-01-13
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[51] **Int.Cl. C22B 5/08 (2006.01) C22B 3/04 (2006.01) C22B 3/22 (2006.01) C22B 5/10 (2006.01) C22B 34/12 (2006.01) C22B 34/22 (2006.01)**
[25] EN
[54] **METHOD FOR CONVERTING AND SEPARATING VANADIUM, TITANIUM, AND IRON FROM VANADIUM-TITANIUM-IRON CONCENTRATE IN ONE STEP**
[54] **METHODE DE CONVERSION ET SEPARATION DE VANADIUM, TITANE ET FER D'UN CONCENTRE DE VANADIUM-TITANE-FER EN UNE ETAPE**
[72] TAO, QI, CN
[72] DESHENG, CHEN, CN
[72] LINGYUN, YI, CN
[72] LINA, WANG, CN
[72] HONGXIN, ZHAO, CN
[72] YAHUI, LIU, CN
[72] WEIJING, WANG, CN
[72] HONGDONG, YU, CN
[71] INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY, CN
[22] 2017-01-12
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[51] **Int.Cl. E04D 13/00 (2006.01) E04B 1/62 (2006.01)**
[25] EN
[54] **LEAK DETECTION IN ROOF MEMBRANES**
[54] **DETECTION DE FUITE DANS LES MEMBRANES DE TOITURE**
[72] VOKEY, DAVID, CA
[72] HERRICK, CHAD J., US
[71] DETEC SYSTEMS LTD., CA
[22] 2017-01-13
[41] 2018-07-13

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[51] **Int.Cl. A01M 29/00 (2011.01) A01M 29/12 (2011.01)**
[25] EN
[54] **ONE SECOND COUNTS BEAR SPRAY DEPOLYMENT MECHANISM**
[54] **MECANISME DE DEPLOIEMENT DE PULVERISATEUR ANTI-OURS A INTERVALLE D'UNE SECONDE**
[72] DUNCAN, THOMAS MCLAREN, CA
[71] DUNCAN, THOMAS MCLAREN, CA
[22] 2017-01-12
[41] 2018-07-12

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[13] A1
[51] **Int.Cl. A61K 38/27 (2006.01) A61P 31/18 (2006.01)**
[25] EN
[54] **ANTI-RETROVIRAL TREATMENT USING GROWTH HORMONE**
[54] **TRAITEMENT ANTIRETROVIRAL EMPLOYANT UNE HORMONE DE CROISSANCE**
[72] ZALUTSKAYA, ALENA, US
[72] GOURLEY, JOHN, US
[72] CHOMONT, NICOLAS, CA
[72] ROUTY, JEAN-PIERRE, CA
[72] DEEKS, STEVEN, US
[71] ARES TRADING S.A., CH
[71] CHOMONT, NICOLAS, CA
[71] ROUTY, JEAN-PIERRE, CA
[22] 2017-04-06
[41] 2018-07-12
[30] US (62/445,501) 2017-01-12

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[13] A1
[51] **Int.Cl. B02C 23/00 (2006.01) B08B 9/093 (2006.01)**
[25] EN
[54] **ANTI-CAKING DEVICE**
[54] **DISPOSITIF ANTI-AGGLOMERANT**
[72] LUTOSLAWSKI, JAROSLAW, CA
[72] LUGOWSKI, MARK C., CA
[72] COYLE, DOUGLAS B., CA
[71] TORXX KINETIC PULVERIZER LIMITED, BM
[22] 2017-04-10
[41] 2018-07-13
[30] US (15406274) 2017-01-13

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[21] **2,963,654**
[13] A1
[51] **Int.Cl. B02C 13/288 (2006.01) B02C 13/14 (2006.01)**
[25] EN
[54] **MODULAR PULVERIZER**
[54] **PULVERISATEUR MODULAIRE**
[72] LUTOSLAWSKI, JAROSLAW, CA
[71] TORXX KINETIC PULVERIZER LIMITED, BM
[22] 2017-04-10
[41] 2018-07-13
[30] US (15405414) 2017-01-13

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[21] **2,963,657**
[13] A1
[51] **Int.Cl. B02C 13/26 (2006.01) B02C 13/28 (2006.01)**
[25] EN
[54] **CENTRIFUGAL PULVERIZING MILL**
[54] **CENTRIFUGAL PULVERIZING MILL**
[72] LUTOSLAWSKI, JAROSLAW, CA
[72] LUGOWSKI, MARK C., CA
[71] TORXX KINETIC PULVERIZER LIMITED, BM
[22] 2017-04-10
[41] 2018-07-13
[30] US (15405383) 2017-01-13

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[21] **2,963,658**
[13] A1
[51] **Int.Cl. B02C 23/02 (2006.01)**
[25] EN
[54] **PULVERIZER SYSTEM**
[54] **SYSTEME DE PULVERISATEUR**
[72] LUTOSLAWSKI, JAROSLAW, CA
[72] LUGOWSKI, MARK C., CA
[71] TORXX KINETIC PULVERIZER LIMITED, BM
[22] 2017-04-10
[41] 2018-07-13
[30] US (15405626) 2017-01-13

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[21] **2,974,709**
[13] A1
[51] **Int.Cl. F21K 9/237 (2016.01) B82Y 30/00 (2011.01) F21V 29/503 (2015.01) F21K 9/232 (2016.01) H05B 37/00 (2006.01)**
[25] EN
[54] **NEW LED LIGHT BULB**
[54] **NOUVELLE AMPOULE DEL**
[72] WEI, BIN, CN
[72] ZHU, YIGUANG, CN
[72] ZHAO, JUNJIE, CN
[72] CAO, HENGYAO, CN
[71] FOSHAN ELECTRICAL AND LIGHTING CO., LTD, CN
[22] 2017-07-28
[41] 2018-07-10
[30] CN (201710014652.4) 2017-01-10

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[21] **2,978,136**
[13] A1
[51] **Int.Cl. A45C 11/00 (2006.01)**
[25] EN
[54] **STORAGE CASE**
[54] **BOITIER DE RANGEMENT**
[72] YAMAMOTO, KAZUNOBU, JP
[71] SHINWA CO., LTD., JP
[22] 2017-09-05
[41] 2018-07-10
[30] JP (2017-002179) 2017-01-10

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[21] **2,978,148**
[13] A1
[51] **Int.Cl. A47B 47/04 (2006.01) A47B 43/00 (2006.01) A47B 87/02 (2006.01)**
[25] EN
[54] **STORAGE CASE**
[54] **BOITIER DE RANGEMENT**
[72] YAMAMOTO, KAZUNOBU, JP
[71] SHINWA CO., LTD., JP
[22] 2017-09-05
[41] 2018-07-10
[30] JP (2017-002177) 2017-01-10

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[21] **2,982,049**
[13] A1
[51] **Int.Cl. E03D 3/10 (2006.01) E03D 5/00 (2006.01) F16K 27/12 (2006.01)**
[25] EN
[54] **COVER ASSEMBLY FOR AN AUTOMATIC FLUSHOMETER**
[54] **DISPOSITIF DE COUVERCLE DESTINE A UN ROBINET DE CHASSE AUTOMATIQUE**
[72] MCLENNAN, PAUL, CA
[72] STAUDER, FRANK, CA
[71] MASCO CANADA LIMITED, CA
[22] 2017-10-11
[41] 2018-07-10
[30] US (15/402,568) 2017-01-10

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[21] **2,982,098**
[13] A1
[51] **Int.Cl. C08J 5/16 (2006.01) C08K 3/00 (2018.01) C08K 3/08 (2006.01) C08K 5/00 (2006.01) C08L 23/02 (2006.01)**
[25] EN
[54] **MULTIFUNCTIONAL POLYMER COMPOSITE YARN**
[54] **FIL COMPOSITE POLYMERE MULTIFONCTIONNEL**
[72] RAUT, SANJAY VASUDEO, IN
[72] GUNARI, NIKHIL, IN
[71] GARWARE-WALL ROPES LIMITED, IN
[22] 2017-10-11
[41] 2018-07-10
[30] IN (201721000962) 2017-01-10

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[21] **2,982,170**
[13] A1
[51] **Int.Cl. E06C 7/44 (2006.01)**
[25] EN
[54] **MOTORIZED LADDER LEVELER**
[54] **NIVELEUR D'ECHELLE MOTORISE**
[72] WILKINSON, JOHN W., CA
[71] WILKINSON, JOHN W., CA
[22] 2017-10-12
[41] 2018-07-10
[30] US (15/402,430) 2017-01-10

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[21] **2,982,678**
[13] A1
[51] **Int.Cl. F16L 57/00 (2006.01)**
[25] EN
[54] **MASKING PLUG FOR PROTECTING A SURFACE DURING A FINISHING OPERATION AND METHOD**
[54] **PRISE MASQUANTE DESTINEE A PROTEGER UNE SURFACE PENDANT UNE OPERATION DE FINITION ET METHODE**
[72] ASIK, HENRY, US
[72] ASIK, BRIAN, US
[71] CUSTOM FABRICATING & SUPPLIES, US
[22] 2017-10-17
[41] 2018-07-10
[30] US (15/402,692) 2017-01-10

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[21] **2,983,132**
[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **AIRFOIL WITH DUAL-WALL COOLING FOR A GAS TURBINE ENGINE**
[54] **PROFIL DYNAMIQUE A REFROIDISSEMENT A DOUBLE PAROI DESTINE A UNE TURBINE A GAZ**
[72] RHODES, JEFFREY F., US
[72] GILLEN, TYLER C., US
[72] NASH, CHRISTOPHER, US
[72] SHOEMAKER, BRIAN, US
[72] BARKER, BRETT J., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-10-20
[41] 2018-07-13
[30] US (62/445966) 2017-01-13

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[21] **2,983,138**
[13] A1
[51] **Int.Cl. C04B 35/84 (2006.01) C04B 35/80 (2006.01) C22C 47/04 (2006.01) C22C 47/08 (2006.01)**
[25] EN
[54] **METHOD OF MELT INFILTRATION UTILIZING A NON-WETTING COATING FOR PRODUCING A CERAMIC MATRIX COMPOSITE**
[54] **METHODE D'INFILTRATION DE FONTE EMPLOYANT UN REVETEMENT NON MOUILLANT DESTINEE A PRODUIRE UN COMPOSITE A MATRICE CERAMIQUE**
[72] SHIM, SUNGBO, US
[71] ROLLS-ROYCE HIGH TEMPERATURE COMPOSITES, INC., US
[22] 2017-10-19
[41] 2018-07-12
[30] US (15/404424) 2017-01-12

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[21] **2,984,521**
[13] A1
[51] **Int.Cl. C07F 9/40 (2006.01) C10M 105/74 (2006.01)**
[25] EN
[54] **PHOSPHONO PARAFFINS**
[54] **PHOSPHANO PARAFFINES**
[72] BALLARD, MATHEW JOHN, AU
[72] CASEY, PHILIP STEPHEN, AU
[72] HOLMES, SUSAN WAN-YI, AU
[72] WAY, CAMERON DAVID, AU
[71] THE BOEING COMPANY, US
[22] 2017-10-31
[41] 2018-07-11
[30] US (5/404106) 2017-01-11

[21] **2,985,913**
[13] A1
[51] **Int.Cl. H02N 2/04 (2006.01) B64C 21/02 (2006.01) F04B 43/04 (2006.01) F04B 45/047 (2006.01) F15D 1/00 (2006.01) F15D 1/12 (2006.01)**
[25] EN
[54] **PIEZOELECTRIC BIMORPH DISK OUTER BOUNDARY DESIGN AND METHOD FOR PERFORMANCE OPTIMIZATION**
[54] **MODELE DE FRONTIERE EXTERIEURE DE DISQUE BIMORPHE PIEZOELECTRIQUE ET METHODE D'OPTIMISATION DU RENDEMENT**
[72] CLINGMAN, DAN J., US
[72] SASSOON, AARON M., US
[71] THE BOEING COMPANY, US
[22] 2017-11-15
[41] 2018-07-11
[30] US (15/403,606) 2017-01-11

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[21] **2,987,357**
[13] A1
[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **OPTICAL FIBER CORD AND METHOD OF MANUFACTURING OPTICAL FIBER CORD**
[54] **CORDON DE FIBRES OPTIQUES ET METHODE DE FABRICATION DE CORDON DE FIBRE OPTIQUE**
[72] AGATA, KATSUSHI, JP
[72] MOMOTSU, NORIHIRO, JP
[71] FUJIKURA LTD., JP
[22] 2017-12-01
[41] 2018-07-10
[30] JP (2017-001734) 2017-01-10

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[21] **2,987,443**
[13] A1
[51] **Int.Cl. F02C 7/28 (2006.01)**
[25] EN
[54] **SEAL ASSEMBLY FOR GAS TURBINE ENGINE COMPONENTS**
[54] **ASSEMBLAGE DE JOINT DESTINE AUX COMPOSANTES DE TURBINE A GAZ**
[72] SIPPEL, AARON D., US
[72] VETTERS, DANIEL K., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2017-12-01
[41] 2018-07-11
[30] US (15/403,834) 2017-01-11

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[21] **2,988,344**
[13] A1
[51] **Int.Cl. H01R 43/048 (2006.01) B25B 7/12 (2006.01) B25B 7/22 (2006.01) B25B 27/02 (2006.01)**
[25] EN
[54] **CRIMP TOOL HAVING ADJUSTABLE CAM**
[54] **OUTIL DE SERTISSAGE COMPORTANT UNE CAME AJUSTABLE**
[72] SULLIVAN, ROBERT W., US
[72] WANG, KUAN YU, CN
[72] HUNG, WEN-LUNG, CN
[71] SULLSTAR TECHNOLOGIES, INC., US
[22] 2017-12-11
[41] 2018-07-13
[30] CN (106101313) 2017-01-13

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[21] **2,988,349**
[13] A1
[51] **Int.Cl. G01B 11/00 (2006.01) A01G 23/00 (2006.01) G06K 9/78 (2006.01)**
[25] EN
[54] **LOAD CONTROL DEVICE AND METHOD**
[54] **DISPOSITIF DE CONTROLE DE CHARGE ET METHODE**
[72] KAPPI, TIMO, FI
[72] PAAKKUNAINEN, MARKO TAPANI, FI
[71] DEERE & COMPANY, US
[22] 2017-12-11
[41] 2018-07-11
[30] EP (17151022.5) 2017-01-11

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[13] A1
[51] **Int.Cl. F25D 3/08 (2006.01) A61D 99/00 (2006.01) A61D 7/00 (2006.01)**
[25] EN
[54] **THERMALLY INSULATED LIVESTOCK MEDICATION CONTAINER**
[54] **CONTENANT DE MEDICAMENT ISOLE THERMIQUEMENT DESTINE AU BETAIL**
[72] BRAMWELL, DARLA, US
[71] BRAMWELL, DARLA, US
[22] 2017-12-12
[41] 2018-07-12
[30] US (62/445,369) 2017-01-12
[30] US (15/642,532) 2017-07-06

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[13] A1
[51] **Int.Cl. B61D 7/02 (2006.01) B61D 7/18 (2006.01) B61D 7/28 (2006.01)**
[25] EN
[54] **RAILCAR WITH PROGRESSIVE OPENING LONGITUDINAL GATES**
[54] **WAGON A PORTES LONGITUDINALES A OUVERTURE PROGRESSIVE**
[72] HUCK, KENNETH W., US
[71] TRINITY NORTH AMERICAN FREIGHT CAR, INC., US
[22] 2017-12-13
[41] 2018-07-13
[30] US (15/406,413) 2017-01-13

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[13] A1
[51] **Int.Cl. B61D 7/20 (2006.01) B61D 7/02 (2006.01) B61D 7/16 (2006.01) B61D 7/24 (2006.01)**
[25] EN
[54] **RAILCAR WITH NESTED SLIDING GATES**
[54] **WAGON A PORTES COULISSANTES EMBOITEES**
[72] BROWN, ANDREW, US
[72] HUCK, KENNETH W., US
[71] TRINITY NORTH AMERICAN FREIGHT CAR, INC., US
[22] 2017-12-13
[41] 2018-07-13
[30] US (15/406,465) 2017-01-13

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[21] **2,989,577**
[13] A1
[51] **Int.Cl. A23D 7/005 (2006.01) A23L 27/60 (2016.01) A23L 29/00 (2016.01) A23L 29/10 (2016.01) A23P 30/40 (2016.01) A23D 7/02 (2006.01)**
[25] EN
[54] **PACKAGED FOOD PRODUCTS CONTAINING ENTRAINED C02**
[54] **PRODUITS ALIMENTAIRES EMBALLES RENFERMANT DU CO2 ENTRAINE**
[72] OCHOMOGO, MARIA G., US
[72] WAGH, ASHWINI, US
[72] DA CONCEICAO NETA, EDITH RAMOS, US
[72] VIEIRA, KENNETH L., US
[72] ANANTH, VIDYA, US
[72] CHAN, HUBERT, US
[72] JHA, ASHISH K., US
[71] THE CLOROX COMPANY, US
[22] 2017-12-19
[41] 2018-07-11
[30] US (62/445,093) 2017-01-11
[30] US (15/843,409) 2017-12-15

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[13] A1
[51] **Int.Cl. B64D 33/00 (2006.01) F02C 7/28 (2006.01) F16J 15/16 (2006.01) F16J 15/32 (2016.01) F16J 15/54 (2006.01)**
[25] EN
[54] **AIRCRAFT ENGINE HAVING SEAL ASSEMBLY DEFINING AN ELECTRICALLY CONDUCTIVE PATH**
[54] **MOTEUR D'AERONEF COMPORTANT UN DISPOSITIF DE JOINT DEFINISSANT UN PARCOURS CONDUCTEUR ELECTRIQUE**
[72] KUDRNA, RICHARD, CA
[72] BRILLANT, MELANIE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-12-19
[41] 2018-07-12
[30] US (15/404,571) 2017-01-12

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[13] A1
[51] **Int.Cl. A23L 29/212 (2016.01) A23P 10/22 (2016.01) C08B 30/06 (2006.01) C08B 30/10 (2006.01)**
[25] EN
[54] **METHOD OF MAKING AGGLOMERATED AND THERMALLY INHIBITED STARCH**
[54] **METHO[illegible] DE FABRICATION D'AM[illegible] AGGLOMERE ET INHIBE THERMIQUEMENT**
[72] LANE, CHRISTOPHER, US
[72] RATNAYAKE, WAJIRA S., US
[72] SHAH, TARAK, US
[72] VAZ, JUDITH M., US
[71] CORN PRODUCTS DEVELOPMENT, INC., US
[22] 2017-12-19
[41] 2018-07-10
[30] US (15/402,915) 2017-01-10

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[21] **2,989,833**
[13] A1
[51] **Int.Cl. A47C 3/029 (2006.01) A47C 1/00 (2006.01) A47C 7/02 (2006.01) A47C 9/00 (2006.01)**
[25] EN
[54] **PIVOT SEAT WITH A NON-ROLLING WEIGHTED BASE**
[54] **JOINT A PIVOT DOTE D'UNE BASE LESTEE NON ROULANTE**
[72] KEEN, MARTIN, US
[71] SAFCO PRODUCTS CO., US
[22] 2017-12-21
[41] 2018-07-13
[30] US (62/445936) 2017-01-13

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[21] **2,989,877**
[13] A1
[51] **Int.Cl. G02B 6/44 (2006.01) H01R 4/66 (2006.01)**
[25] EN
[54] **GROUNDING STRUCTURE OF OPTICAL FIBER CABLE**
[54] **STRUCTURE DE MISE A LA TERRE DE CABLE DE FIBRES OPTIQUES**
[72] AGATA, KATSUSHI, JP
[72] MOMOTSU, NORIHIRO, JP
[71] FUJIKURA LTD., JP
[22] 2017-12-22
[41] 2018-07-10
[30] JP (2017-001735) 2017-01-10

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[21] **2,990,146**
[13] A1
[51] **Int.Cl. B60P 1/04 (2006.01)**
[25] EN
[54] **SYSTEM FOR DUMP BODY HEATING AND TEMPERATURE CONTROL**
[54] **SYSTEME DE CONTROLE DE CHAUFFAGE ET TEMPERATURE DE CORPS DE BENNE**
[72] DUNKER, LARRY, US
[71] CRYSTEEL MANUFACTURING INC., US
[22] 2017-12-27
[41] 2018-07-10
[30] US (62444772) 2017-01-10

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[21] **2,990,268**
[13] A1
[51] **Int.Cl. A47J 31/60 (2006.01) A47J 31/46 (2006.01)**
[25] EN
[54] **CLEANING SYSTEM**
[54] **SYSTEME DE NETTOYAGE**
[72] EPPING, FRANK JOSEF PAUL, DE
[71] CUP&CINO KAFFEESYSTEM-VERTRIEB GMBH & CO. KG, DE
[22] 2017-12-27
[41] 2018-07-09
[30] EP (17 150 697.5) 2017-01-09

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[21] **2,990,371**
[13] A1
[51] **Int.Cl. A61B 5/042 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **CATHETER WITH SUPPORTING STRUCTURE HAVING VARIABLE DIMENSIONS**
[54] **CATHETER DOTE D'UNE STRUCTURE AYANT DES DIMENSIONS VARIABLES**
[72] WU, STEVEN, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-12-28
[41] 2018-07-09
[30] US (15/401,166) 2017-01-09

[21] **2,990,548**
[13] A1
[51] **Int.Cl. H02K 1/28 (2006.01)**
[25] EN
[54] **ROTARY ELECTRIC-MACHINE ROTOR**
[54] **ROTOR DESTINE A UNE MACHINE ELECTRIQUE ROTATIVE**
[72] SANO, SHINYA, JP
[72] FUBUKI, SHINGO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2018-01-02
[41] 2018-07-11
[30] JP (2017-002660) 2017-01-11

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[21] **2,990,648**
[13] A1
[51] **Int.Cl. B62D 35/00 (2006.01)**
[25] EN
[54] **AERODYNAMIC REAR DRAG REDUCTION SYSTEM FOR A TRAILER**
[54] **SYSTEME DE REDUCTION DE LA TRAINEE ARRIERE AERODYNAMIQUE DESTINE A UNE REMORQUE**
[72] BAKER, LEONARD W., US
[72] COURTNEY, MICHAEL J., US
[72] SWEET, JAMES ANDREW, US
[72] HAAN, BRIAN N., US
[71] WABASH NATIONAL, L.P., US
[22] 2018-01-03
[41] 2018-07-13
[30] US (15/406,343) 2017-01-13

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[13] A1
[51] **Int.Cl. B62B 3/02 (2006.01) B62B 5/00 (2006.01) E04G 1/24 (2006.01) E06C 1/387 (2006.01) E06C 1/397 (2006.01)**
[25] EN
[54] **CART APPARATUSES WITH OPERABLE STEPS**
[54] **APPAREILLAGES DE CHARIOT A MARCHES FONCTIONNELLES**
[72] FINSTAD, CLEMANCE BERNARD, US
[71] CANNON EQUIPMENT LLC, US
[22] 2018-01-03
[41] 2018-07-09
[30] US (62/444,116) 2017-01-09
[30] US (15/719,856) 2017-09-29

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[21] **2,990,783**
[13] A1
[51] **Int.Cl. G02B 6/46 (2006.01)**
[25] EN
[54] **FIBER ARRANGEMENT MEMBER AND OPTICAL WIRING UNIT**
[54] **ELEMENT DE CONFIGURATION DE FIBRE ET MODULE DE CABLAGE OPTIQUE**
[72] AGATA, KATSUSHI, JP
[72] MOMOTSU, NORIHIRO, JP
[72] KOBAYASHI, TERUTAKE, JP
[71] FUJIKURA LTD., JP
[22] 2018-01-04
[41] 2018-07-10
[30] JP (2017-001736) 2017-01-10

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[13] A1
[51] **Int.Cl. F16L 27/107 (2006.01) F01D 9/02 (2006.01) F02C 6/08 (2006.01) F16F 15/04 (2006.01) F16L 51/02 (2006.01) F16L 55/02 (2006.01)**
[25] EN
[54] **GIMBALED FLEXURE FOR SPHERICAL FLEX JOINTS**
[54] **JOINT FLEXIBLE MONTE SUR CARDAN DESTINE A DES JOINTS FLEXIBLES SPHERIQUES**
[72] JONNALAGADDA, DATTU GV, IN
[72] TAJIRI, GORDON, US
[72] KENWORTHY, MICHAEL THOMAS, US
[72] BURDETTE, JASON L., US
[71] UNISON INDUSTRIES, LLC, US
[22] 2018-01-04
[41] 2018-07-13
[30] US (15/406,123) 2017-01-13

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[21] **2,990,799**
[13] A1
[51] **Int.Cl. G02B 6/46 (2006.01) G02B 6/36 (2006.01)**
[25] EN
[54] **OPTICAL CONNECTOR RETAINING UNIT AND OPTICAL WIRING UNIT**
[54] **MODULE DE RETENUE DE CONNECTEUR OPTIQUE ET MODULE DE CABLAGE OPTIQUE**
[72] AGATA, KATSUSHI, JP
[72] MOMOTSU, NORIHIRO, JP
[72] KOBAYASHI, TERUTAKE, JP
[71] FUJIKURA LTD., JP
[22] 2018-01-04
[41] 2018-07-10
[30] JP (2017-001576) 2017-01-10

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[21] **2,990,802**
[13] A1
[51] **Int.Cl. G02B 23/12 (2006.01) F41G 1/38 (2006.01)**
[25] EN
[54] **REVERSING SYSTEM FOR TELESCOPIC SIGHTS, AND TELESCOPIC SIGHT HAVING SUCH A REVERSING SYSTEM**
[54] **SYSTEME D'INVERSEUR DE MIRES TELESCOPIQUES ET MIRE TELESCOPIQUE COMPORTANT UN TEL SYSTEME INVERSEUR**
[72] FUHRMANN, LOTHAR, DE
[72] DEUSING, HARTMUT, DE
[72] HOLLER, JONAS JOACHIM, DE
[71] SCHMIDT & BENDER GMBH & CO. KG, DE
[22] 2018-01-04
[41] 2018-07-13
[30] DE (102017100652.4) 2017-01-13

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[51] **Int.Cl. G01S 13/89 (2006.01) G01S 13/90 (2006.01)**
[25] EN
[54] **MM-WAVE SFCW RADAR & SAF BASED IMAGING INSPECTION SYSTEM**
[54] **SYSTEME D'INSPECTION PAR IMAGERIE FONDE SUR UN RADAR SRCW A ONDE MILLIMETRIQUE ET FOCALISATION PAR OUVERTURE SYNTHETIQUE**
[72] SAFAVI-NAEINI, SAFIEDDIN, CA
[72] SHAHIR, SHAHED, CA
[71] OZ OPTICS LTD., CA
[22] 2018-01-05
[41] 2018-07-09
[30] CA (2,953,984) 2017-01-09

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[51] **Int.Cl. F25D 23/02 (2006.01) F25D 27/00 (2006.01)**
[25] EN
[54] **REFRIGERATOR WITH GLASS DOOR**
[54] **REFRIGERATEUR EQUIPE DE PORTE VITREE**
[72] MILLER, ORIN, US
[72] BURGAN, RICKY, US
[72] BURNETT, DOUG, US
[72] VALENTINO, MIRANDA, US
[72] RIDDELL, JOEL, US
[72] MACIAS, JOSE, US
[72] RAJASEKARAN, VARUN, US
[72] SEXTON, TERRY LYNN, US
[72] HANSON, JOSH, US
[72] ZHOU, RAN, US
[72] COMSA, CORNEL, US
[72] EDGE, MATTHEW ELEXY, US
[72] CAMPBELL, BILLY SETH LON, US
[71] ELECTROLUX HOME PRODUCTS, INC., US
[22] 2018-01-05
[41] 2018-07-09
[30] US (15/401,908) 2017-01-09

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[25] EN
[54] **TECHNOLOGIES FOR LOADING, TRANSPORTING, AND UNLOADING OF LOADS**
[54] **TECHNOLOGIES DE CHARGEMENT, TRANSPORT ET DECHARGEMENT DE CHARGES**
[72] GRIMSLEY, TIMOTHY A., US
[71] DURA-LINE CORPORATION, US
[22] 2018-01-05
[41] 2018-07-10
[30] US (62/444,426) 2017-01-10

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[51] **Int.Cl. A01M 31/00 (2006.01) A41G 1/00 (2006.01)**
[25] EN
[54] **SCRAPE VINES**
[54] **BARRAS DE VIGNES**
[72] HEALY, DAVID ROBERT, US
[71] WINDAGE, LLC, US
[22] 2018-01-08
[41] 2018-07-10
[30] US (62/498,852) 2017-01-10
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[51] **Int.Cl. E04D 3/18 (2006.01) E04D 3/36 (2006.01) E04D 3/38 (2006.01) E04D 7/00 (2006.01)**
[25] EN
[54] **REINFORCED WATER-RESISTANT BOARD WITH TRAFFIC COAT**
[54] **PANNEAU HYDROFUGE RENFORCE DOTE D'UN REVETEMENT DE CIRCULATION**
[72] TAUFERNER, PIOTR R., US
[71] TAUFERNER, PIOTR R., US
[22] 2018-01-08
[41] 2018-07-10
[30] US (62/444,430) 2017-01-10
[30] US (62/471,466) 2017-03-15
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[51] **Int.Cl. H02B 1/03 (2006.01) G01R 22/00 (2006.01)**
[25] EN
[54] **WATTHOUR METER BLOCK WITH SAFETY SHIELD**
[54] **BLOC DE WATTHEUREMETRE EQUIPE D'UN ECRAN PROTECTEUR**
[72] OLSON, JUSTIN A., US
[72] PRUEHS, ALLEN V., US
[72] HANFT, JEFFREY J., US
[72] TITUS, DERRICK G., US
[71] E.J. BROOKS COMPANY, US
[22] 2018-01-08
[41] 2018-07-09
[30] US (15/401,845) 2017-01-09
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[13] A1
[51] **Int.Cl. A01B 59/06 (2006.01) A01B 59/00 (2006.01)**
[25] EN
[54] **CONVERSION UNIT FOR INDIRECT CONNECTION OF A MOUNTED IMPLEMENT TO A WORKING MACHINE AND ENABLING ANGULAR ADJUSTMENT AND SWIVELLING OF SAME**
[54] **MODULE DE CONVERSION DESTINE A LA CONNEXION INDIRECTE D'UN ACCESSOIRE INSTALLE A UNE MACHINE DE TRAVAIL ET PERMETTANT L'AJUSTEMENT ANGULAIRE ET LE PIVOTEMENT DE LADITE MACHINE**
[72] LOEWEN, JONATHAN S., CA
[71] LOEWEN, JONATHAN S., CA
[22] 2018-01-09
[41] 2018-07-09
[30] US (62444057) 2017-01-09

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[25] EN
[54] **ASSET TRACKING USING ACTIVE WIRELESS TAGS THAT REPORT VIA A LOCAL NETWORK OF CONNECTED BEACONS**
[54] **SUIVI D'ACTIF EMPLOYANT DES BALISES SANS FIL ACTIVES QUI PRODUISENT UN RAPPORT SUR UN RESEAU LOCAL DE BALISES CONNECTEES**
[72] GREEN, KELBY EDWARD, US
[72] MALANDRAKIS, EMANUEL PAUL, US
[72] LU, YENPAO, US
[72] GEORGE, SAJIN, US
[72] ABOU-RIZK, MITRI J., US
[72] LI, XIANGRONG, US
[71] ABL IP HOLDING LLC, US
[22] 2018-01-09
[41] 2018-07-11
[30] US (62/445,031) 2017-01-11
[30] US (62/523,457) 2017-06-22

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[25] EN
[54] **INERTIAL PARTICLE SEPARATOR FOR ENGINE INLET**
[54] **SEPARATEUR DE PARTICULES INERTIEL DESTINE A UNE ADMISSION DE MOTEUR**
[72] BISSON, FRANCOIS, CA
[72] CUNNINGHAM, MARK, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-08
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[51] **Int.Cl. A61B 1/045 (2006.01) A61B 1/04 (2006.01) A61B 1/267 (2006.01)**
[25] EN
[54] **UPGRADABLE VIDEO LARYNGOSCOPE SYSTEM EXHIBITING REDUCED FAR END DIMMING**
[54] **SYSTEME DE LARYNGOSCOPE VIDEO MODULABLE PRESENTANT UNE REDUCTION D'EXTREMITE ELOIGNEE REDUITE**
[72] YAZDI, REZA AHMADIAN, CA
[72] ROODNICK, DANIEL, CA
[72] MAH, WILLIE, CA
[72] LIU, XIAOPING, CA
[72] SIDHU, ROHAN, CA
[71] VERATHON INC., US
[22] 2018-01-08
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[51] **Int.Cl. F24H 9/20 (2006.01) F24H 1/20 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **ELECTRONIC UNLOCK FEATURE**
[54] **FONCTION DE DEVERROUILLAGE ELECTRONIQUE**
[72] BRANECKY, BRIAN THOMAS, US
[72] HOSKEN, WILLIAM GORDON, US
[71] A. O. SMITH CORPORATION, US
[22] 2018-01-09
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[30] US (62/443,988) 2017-01-09

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[51] **Int.Cl. A61B 17/32 (2006.01) A61B 17/24 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **COMBINED DEBRIDER AND COAGULATOR**
[54] **DEBRIDEUR ET COAGULATEUR COMBINES**
[72] GOVARI, ASSAF, IL
[72] ALGAWI, YEHUDA, IL
[72] SITNITSKY, IIYA, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2018-01-09
[41] 2018-07-10
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[51] **Int.Cl. H02B 1/015 (2006.01) H02B 1/20 (2006.01) H02B 1/44 (2006.01)**
[25] EN
[54] **ELECTRIC LOAD CENTER**
[54] **CENTRE DE RECHARGE ELECTRIQUE**
[72] LALANCETTE, DANIEL, CA
[72] PELLETIER, JEAN-MICHEL, CA
[72] LEFORT, MAXIME, CA
[71] ABB SCHWEIZ AG, CH
[22] 2018-01-09
[41] 2018-07-10
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[51] **Int.Cl. B24D 13/14 (2006.01) A47L 11/164 (2006.01) A47L 11/283 (2006.01)**
[25] EN
[54] **GRINDING PAD APPARATUS**
[54] **APPAREIL DE COUSSIN DE MEULAGE**
[72] TCHAKAROV, TCHAVDAR V., US
[71] DIAMOND TOOL SUPPLY, INC., US
[22] 2018-01-09
[41] 2018-07-13
[30] US (15/405,361) 2017-01-13

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[13] A1
[51] **Int.Cl. B29C 53/36 (2006.01)**
[25] EN
[54] **THERMOPLASTIC COMPOSITE PIPE WITH MULTILAYER INTERMEDIATE LAMINA**
[54] **TUYAU EN COMPOSITE THERMOPLASTIQUE DOTE DE LAMELLES INTERMEDIAIRES MULTICOUCHES**
[72] BERGER, JASMIN, DE
[72] RIES, HANS, DE
[72] FRANOSCH, JURGEN, DE
[72] GORING, RAINER, DE
[72] BEYER, HORST, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2018-01-08
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[30] EP (17 150 840) 2017-01-10

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[51] **Int.Cl. F16L 9/12 (2006.01) E21B 17/01 (2006.01) E21B 17/20 (2006.01)**
[25] EN
[54] **THERMOPLASTIC COMPOSITE PIPE WITH MULTILAYER INTERMEDIATE LAMINA**
[54] **TUYAU EN COMPOSITE THERMOPLASTIQUE DOTE DE LAMELLES INTERMEDIAIRES MULTICOUCHES**
[72] BERGER, JASMIN, DE
[72] RIES, HANS, DE
[72] FRANOSCH, JURGEN, DE
[72] GORING, RAINER, DE
[72] BEYER, HORST, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2018-01-08
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[30] EP (17 150 841) 2017-01-10

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[13] A1
[51] **Int.Cl. A61K 31/407 (2006.01) A61K 9/00 (2006.01)**
[25] EN
[54] **ENHANCED STABILITY KETOROLAC FORMULATIONS AND METHODS AND DEVICES FOR USE WITH SAME**
[54] **FORMULATIONS DE KETROLAC A STABILITE AMELIOREE ET METHODES ET DISPOSITIFS D'UTILISATION DESDITES FORMULATIONS**
[72] HURREY, MICHAEL LAIRD, US
[72] NOYMER, PETER, US
[71] HURREY, MICHAEL LAIRD, US
[71] NOYMER, PETER, US
[22] 2018-01-09
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[51] **Int.Cl. A61K 31/407 (2006.01) A61K 9/08 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **DOSE SPARING KETOROLAC FORMULATIONS AND METHODS AND DEVICES FOR USE WITHSAME**
[54] **FORMULATIONS DE KETROLAC A LIMITATION DE DOSE ET METHODES ET DISPOSITIFS D'UTILISATION DESDITES FORMULATIONS**
[72] NOYMER, PETER, US
[72] HURREY, MICHAEL LAIRD, US
[71] STEADYMED, LTD., IL
[22] 2018-01-09
[41] 2018-07-09
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[51] **Int.Cl. E04B 1/68 (2006.01) E04F 13/02 (2006.01) E04F 21/165 (2006.01)**
[25] EN
[54] **EXPANSION/CONTROL JOINT FOR STUCCO SURFACES AND RELATED SYSTEMS AND METHODS**
[54] **JOINT DE DILATATION/CONTROLE DE SURFACES DE STUC ET SYSTEMES ET METHODES ASSOCIES**
[72] MAZIARZ, JEFFREY, US
[71] E-Z BEAD, LLC, US
[22] 2018-01-09
[41] 2018-07-10
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[51] **Int.Cl. B60P 3/34 (2006.01) B60P 3/022 (2006.01)**
[25] EN
[54] **UTV SHELTER**
[54] **ABRI UTV**
[72] HUNTIMER, TODD M., US
[71] HUNTIMER, TODD M., US
[22] 2018-01-10
[41] 2018-07-11
[30] US (15/867,342) 2018-01-10
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[51] **Int.Cl. H02G 1/02 (2006.01) G01R 1/04 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **CLAMP SENSOR SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DESTINES A UN DETECTEUR DE PINCE**
[72] HEFELFINGER, KELLY R., US
[72] PENDERGRASS, ROBERT, US
[72] ROTH, NATHANIAL, US
[71] SENSORLINK CORPORATION, US
[22] 2018-01-10
[41] 2018-07-10
[30] US (15/402,959) 2017-01-10

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[13] A1
[51] **Int.Cl. B62D 27/00 (2006.01) B62D 25/20 (2006.01)**
[25] EN
[54] **MOUNTING BRACKET FOR A TRUCK BODY AND METHOD FOR MOUNTING A COMPOSITE TRUCK BODY TO A CHASSIS**
[54] **SUPPORT D'INSTALLATION DESTINE A UN CORPS DE CAMION ET METHODE D'INSTALLATION D'UN CORPS DE CAMION A UN CHASSIS**
[72] HATKE, DENNIS G., US
[71] WABASH NATIONAL, L.P., US
[22] 2018-01-10
[41] 2018-07-11
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[51] **Int.Cl. A01M 31/06 (2006.01)**
[25] EN
[54] **INVERTIBLE DECOY**
[54] **LEURREE REVERSIBLE**
[72] CHAPMAN, BRENDAN VAUGHAN, CA
[71] CHAPMAN, BRENDAN VAUGHAN, CA
[22] 2018-01-09
[41] 2018-07-09
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[51] **Int.Cl. G01M 3/32 (2006.01) B65F 3/00 (2006.01) G01L 19/08 (2006.01) G01L 19/12 (2006.01) G01M 3/00 (2006.01)**
[25] EN
[54] **FUEL MONITORING SYSTEM**
[54] **SYSTEMES DE SURVEILLANCE DE CARBURANT**
[72] SHROFF, NITESH, US
[72] MARONEY, STANLEY, US
[72] HAM, BRIAN H., US
[71] THE HEIL CO., US
[22] 2018-01-10
[41] 2018-07-10
[30] US (62/444,438) 2017-01-10
[30] US (15/865,324) 2018-01-09

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[51] **Int.Cl. G02B 23/16 (2006.01) F41G 1/46 (2006.01) F41G 1/473 (2006.01) G02B 5/32 (2006.01) G02B 27/32 (2006.01) G11C 13/04 (2006.01)**
[25] EN
[54] **HOLOGRAPHIC SPORTING/COMBAT OPTIC WITH RETICLES RECORDED AT DIFFERENT DISTANCES**
[54] **OPTIQUE DE COMBAT/SPORT HOLOGRAPHIQUE DOTEE DE RETICULES ENREGISTRES A DIFFERENTES DISTANCES**
[72] FINNEGAN, DENNIS, US
[72] LOEBIG, DEAN, US
[72] MOSS, FRANK H., US
[71] ELITE ARMS D/B/A ELITE DEFENSE, US
[22] 2018-01-10
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[30] US (15/406,101) 2017-01-13

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[51] **Int.Cl. F21V 21/104 (2006.01) F21S 8/04 (2006.01) F21V 21/03 (2006.01) F21V 21/096 (2006.01)**
[25] EN
[54] **INTERFACE FOR COVER PLATE**
[54] **INTERFACE DESTINEE A UNE PLAQUE DE COUVERTURE**
[72] SIDIROPOULOS, RACHEL LYNN, US
[71] HUBBELL INCORPORATED, US
[22] 2018-01-09
[41] 2018-07-11
[30] US (62/445,066) 2017-01-11
[30] US (62/500,008) 2017-05-02

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[51] **Int.Cl. B65D 55/02 (2006.01) B65D 17/34 (2006.01) B65D 21/00 (2006.01) B65D 43/08 (2006.01)**
[25] EN
[54] **TAMPER EVIDENT CONTAINER HAVING BONDED TAB**
[54] **CONTENANT INVIOLABLE DOTE D'UNE PATTE COLLEE**
[72] TRAHAN, JASON, US
[72] HANSON, MIKE, US
[72] SHAW, JOSH, US
[72] GIBSON, RODGER, US
[72] PROIDAN, ALEX, US
[71] FABRI-KAL CORPORATION, US
[22] 2018-01-10
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[51] **Int.Cl. F21V 21/104 (2006.01) F21S 8/06 (2006.01) F21V 9/00 (2018.01) F21V 17/08 (2006.01) F21V 21/112 (2006.01) F21V 5/00 (2018.01)**
[25] EN
[54] **UPLIGHT SHADOW REDUCTION FOR PENDANT LIGHTING FIXTURES**
[54] **REDUCTION D'OMBRE D'ECLAIRAGE VERTICAL DESTINEE A DES APPAREILS D'ECLAIRAGE SUSPENDUS**
[72] HAWTHORNE, SEAN MICHAEL, US
[72] SIDIROPOULOS, RACHEL LYNN, US
[72] OGG, JEREMY, US
[71] HUBBELL INCORPORATED, US
[22] 2018-01-09
[41] 2018-07-11
[30] US (62/445,090) 2017-01-11
[30] US (62/500,012) 2017-05-02

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[51] **Int.Cl. E01C 19/25 (2006.01)**
[25] EN
[54] **BERM ROLLER**
[54] **ROULEAU DE BERME**
[72] SWISSHELM, TOM, US
[71] KOKOSING CONSTRUCTION COMPANY, INC., US
[22] 2018-01-11
[41] 2018-07-11
[30] US (62/445,016) 2017-01-11

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[13] A1
[51] **Int.Cl. E01F 9/70 (2016.01)**
[25] EN
[54] **CONSTRUCTION BARRIER MOVING DEVICE AND METHOD**
[54] **APPAREIL DE DEPLACEMENT DE BARRIERE DE CONSTRUCTION ET METHODE**
[72] SWISSHELM, TOM, US
[71] KOKOSING CONSTRUCTION COMPANY, INC., US
[22] 2018-01-11
[41] 2018-07-11
[30] US (62/445,001) 2017-01-11

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[13] A1
[51] **Int.Cl. G06K 7/01 (2006.01) G06F 21/86 (2013.01)**
[25] FR
[54] **CARD READER BODY WITH SECURE MEMORY**
[54] **CORPS DE LECTEUR DE CARTES A MEMOIRE SECURISE**
[72] ANDRE, JEROME, FR
[72] PAVAGEAU, STEPHANE, FR
[72] BERTHIAUD, OLIVIER, FR
[72] GRANDDIDIER, YANN, FR
[71] INGENICO GROUP, FR
[22] 2018-01-11
[41] 2018-07-13
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[13] A1
[51] **Int.Cl. E21B 19/16 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR GRIPPING A TUBULAR MEMBER**
[54] **APPAREIL ET METHODE DE SAISIE D'UN ELEMENT TUBULAIRE**
[72] MAYENBURG, KENNETH JOSEPH, CA
[71] DRECO ENERGY SERVICES ULC, CA
[22] 2018-01-11
[41] 2018-07-12
[30] US (62/445,548) 2017-01-12

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[13] A1
[51] **Int.Cl. F16F 9/34 (2006.01) B60D 99/00 (2009.01) B60D 3/00 (2006.01) F16F 9/19 (2006.01) F16F 9/50 (2006.01)**
[25] EN
[54] **HYDRAULIC DAMPING SYSTEM AND ARTICULATED VEHICLE HAVING SUCH A DAMPING SYSTEM**
[54] **SYSTEME D'ATTENUATION HYDRAULIQUE ET VEHICULE ARTICULE COMPORTANT UN TEL SYSTEME D'ATTENUATION**
[72] SEIBEL, BURKHARD, DE
[71] CLAAS INDUSTRIETECHNIK GMBH, DE
[22] 2018-01-10
[41] 2018-07-11
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[13] A1
[51] **Int.Cl. C10G 65/12 (2006.01)**
[25] EN
[54] **HYDROCRACKER ACTIVITY MANAGEMENT**
[54] **GESTION D'ACTIVITE D'HYDROCRAQUEUR**
[72] MOORE, HOWARD, US
[71] MARATHON PETROLEUM COMPANY LP, US
[22] 2018-01-11
[41] 2018-07-12
[30] US (62/445,478) 2017-01-12

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[13] A1
[51] **Int.Cl. B65G 39/10 (2006.01) B65G 15/08 (2006.01) B65G 15/60 (2006.01) B65G 39/09 (2006.01) B65G 39/14 (2006.01)**
[25] EN
[54] **BELT CONVEYOR SYSTEM**
[54] **SYSTEME DE TRANSPORTEUR A COURROIE**
[72] SCHNITKEY, JOSHUA NORMAN, US
[71] CUSTOM AGRI SYSTEMS, INC., US
[22] 2018-01-11
[41] 2018-07-12
[30] US (62/445,523) 2017-01-12

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[13] A1
[51] **Int.Cl. E02B 17/00 (2006.01) B63B 22/02 (2006.01) B63B 35/613 (2006.01) E02D 29/00 (2006.01)**
[25] EN
[54] **BOAT DOCK AND METHOD OF INSTALLATION**
[54] **QUAI DE BATEAU ET METHODE D'INSTALLATION**
[72] DE LA CONCHA, TONY, CA
[72] BRADFIELD, JEFF, CA
[71] ANCHOR CONCRETE PRODUCTS LTD., CA
[22] 2018-01-11
[41] 2018-07-13
[30] US (62/445,854) 2017-01-13
[30] US (62/446,010) 2017-01-13

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[13] A1
[51] **Int.Cl. A01K 29/00 (2006.01) A63H 33/00 (2006.01)**
[25] EN
[54] **CHEW TOY FOR DOGS**
[54] **JOUET DE MASTICATION DESTINE A DES CHIENS**
[72] NG, CHERYL, CA
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[54] **SYSTEMES ET METHODE DE PRODUCTION DE VAPEUR EN CREANT DES ONDES DE CHOC DANS UN TOURBILLON GAZEUX SUPERSONIQUE**
[72] LANSELL, PETER, AU
[72] LOWE, DAVID, AU
[71] LLT INTERNATIONAL (IRELAND) LTD., IE
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[54] **SYNTHESE D'OXYDE DE GRAPHENE FLUORE DESTINEE A DES APPLICATIONS EN ELECTROCHIMIE**
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[71] LAKEHEAD UNIVERSITY, CA
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[54] **FAN CASING ASSEMBLY WITH COOLER AND METHOD OF MOVING**
[54] **ENSEMBLE DE CARTER DE SOUFFLANTE EQUIPE D'UN REFROIDISSEUR ET METHODE DE DEPLACEMENT**
[72] TAJIRI, GORDON, US
[72] KENWORTHY, MICHAEL THOMAS, US
[72] MCQUEEN, DENNIS ALAN, US
[72] JONNALAGADDA, DATTU G. V., IN
[71] UNISON INDUSTRIES LLC, US
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[25] EN
[54] **AIR CONDITIONING SYSTEM AND METHOD WITH CHILLER AND WATER**
[54] **SYSTEME DE CONDITIONNEMENT DE L'AIR ET METHODE COMPORTANT UN REFROIDISSEUR ET DE L'EAU**
[72] RICE, THOMAS, US
[71] SEMCO LLC, US
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[54] **METHOD AND SYSTEM FOR AN OMNIDIRECTIONAL PULL-CORD SENSOR ASSEMBLY**
[54] **METHODE ET SYSTEME DE MECANISME DE CAPTEUR A CORDON DE TIRAGE OMNIDIRECTIONNEL**
[72] JONES, NICOLAS, CA
[71] CAREHAWK INC., CA
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[54] **CORPS DE VOL SPATIAL DOTE D'UN MODULE D'ENTRAINEMENT ET D'UN DISPOSITIF DE PRODUCTION DE MATERIAU COMBUSTIBLE DESTINE A UN CORPS DE VOL SPATIAL**
[72] JEHLE, WALTER, DE
[72] REUCK, HANS, DE
[71] AIRBUS DEFENCE AND SPACE GMBH, DE
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[54] **LIQUID LEVEL MAINTAINER**
[54] **DISPOSTIF DE MAINTIEN DE NIVEAU DE LIQUIDE**
[72] PLEASANTS, PARKE, US
[72] JERABEK, JESSE J., US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
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[54] **RAILROAD CROSSING GATE LAMP SYSTEM**
[54] **SYSTEME DE LAMPE DESTINE A UNE BARRIERE DE PASSAGE A NIVEAU**
[72] FOX, DAVID K., US
[72] MOULTON, BENJAMIN, US
[72] HONECK, RANDALL G., US
[72] PHELPS, GREGGORY C., US
[71] FOX, DAVID K., US
[71] MOULTON, BENJAMIN, US
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[25] EN
[54] **METHOD AND APPARATUS FOR UNAMBIGUOUSLY ESTIMATING SEISMIC ANISOTROPY PARAMETERS**
[54] **METHODE ET APPAREIL D'ESTIMATION DE PARAMETRES D'ANISOTROPIE SISMIQUE**
[72] QUEVEDO, LEONARDO, FR
[72] TANASE, CATALIN, FR
[71] CGG SERVICES SAS, FR
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[54] **DEVICE FOR AVOIDING EXCESSIVE LOADS ON THE HUMAN FOOT WHEN WALKING AND OPERATING METHOD THEREFOR**
[54] **DISPOSITIF PERMETTANT D'EVITER LES CHARGES EXCESSIVES SUR LE PIED HUMAIN LORS DE LA MARCHE ET METHODE FONCTIONNELLE ASSOCIEE**
[72] DOLL, WALTER, CH
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[54] **METHODS OF DETERMINING URINARY CALCULI COMPOSITION**
[54] **METHODE DE DETERMINATION DE LA COMPOSITION DE LITHIASES URINAIRES**
[72] LEONG, HON, CA
[72] ST. AMANT, ANDRE, CA
[71] LONDON HEALTH SCIENCES CENTRE RESEARCH INC., CA
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[54] **SURVEILLANCE VIDEO A RECONNAISSANCE DE CONTEXTE**
[72] SIDDIQUI, ANAS M., CA
[72] SIDDIQUI, NABEELA H., CA
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[54] **METHOD FOR RETROFITTING A MONORAIL GUIDE BEAM AND RETROFITTED MONORAIL GUIDE BEAM**
[54] **METHODE DE RENOVATION D'UN MONTANT GUIDE DE MONORAIL ET MONTANT GUIDE DE MONORAIL RENOVE**
[72] TIMAN, PETER, CA
[71] BOMBARDIER TRANSPORTATION GMBH, DE
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[54] **A CONTROL TRANSFER MEMBER FOR A PITCH CONTROL DEVICE OF A DUCTED ROTORCRAFT TAIL ROTOR**
[54] **UN ELEMENT DE TRANSFERT DE CONTROLE DESTINE A UN DISPOSITIF DE CONTROLE DE PAS D'UN ROTOR DE QUEUE DE GIRAVION GAINE**
[72] KUNTZE-FECHNER, GERALD, DE
[72] VOGL, JULIUS, DE
[71] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
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[54] **AIRCRAFT ENGINE PYLON WITH INBUILT MULTIFUNCTIONAL FRAMEWORK**
[54] **MAT DE MOTEUR D'AERONEF A OSSATURE MULTIFONCTIONNELLE INTEGREE**
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[71] SOGECLAIR SA, FR
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[54] **VERIN TELESCOPIQUE SERVANT A SOULEVER DES CAMIONS A GRANDE CAPACITE**
[72] DESORMEAU, WAYNE, CA
[72] WEAVER, JEFF, CA
[72] MATHIEU, GUY, CA
[71] NORDIC MINESTEEL TECHNOLOGIES INC., CA
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[54] **SYSTEME ET PROCEDE DE RECHERCHE D'APPARENCE**
[72] BUTT, RICHARD, CA
[72] CHAU, ALEXANDER, CA
[72] DOUMBOUYA, MOUSSA, CA
[72] GLOZMAN, LEVI, CA
[72] HE, LU, CA
[72] LIPCHIN, ALEKSEY, CA
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[72] SADANAND, SREEMANANANTH, CA
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[54] **NOUVELLE DEMANDE D'APPLICATION EN COURS**
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[71] AFINITI EUROPE TECHNOLOGIES LIMITED, GB
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[54] **LEG ASSEMBLY METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES D'ENSEMBLE PIED**
[72] COLSTON, MICHAEL, US
[72] ALTENRITTER, DANIEL, US
[71] TRAEGER PELLET GRILLS, LLC, US
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[54] **GENERATEUR 68GE/68GA**
[72] JERNSTROM, JUSSI, DE
[72] ZHERNOSEKOV, KONSTANTIN, DE
[72] TOTSKIY, YURY, DE
[72] HARFENSTELLER, MARK, DE
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[54] **SYSTEMS AND METHODS FOR FREQUENCY DRIFT COMPENSATION FOR RADIO RECEIVERS**
[54] **SYSTEMES ET METHODES DE COMPENSATION DE DECALAGE DE FREQUENCE DESTINES A DES RECEPTEURS RADIO**
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[54] **PROCEDE DE PRODUCTION ET D'UTILISATION D'UN MELANGE D'HYDROCARBURES**
[72] WAGNER, ULRICH, DE
[72] BALTHASAR, WOLFF, DE
[72] MUELLER, DIERK, DE
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[54] **APPLICATION OF TRIACETYL-3-HYDROXYPHENYLADENOSINE IN PREPARATION OF PHARMACEUTICAL DRUG FOR PREVENTING OR TREATING NON-ALCOHOLIC FATTY LIVER DISEASE**
[54] **APPLICATION DE TRIACETYL-3-HYDROXYPHENYLADENOSINE DANS LA PREPARATION DE MEDICAMENT PHARMACEUTIQUE DESTINE A LA PREVENTION OU AU TRAITEMENT DE STEATOSE HEPATIQUE NON ALCOOLIQUE**
[72] ZHU, HAIBO, CN
[72] SHI, HUIJIE, CN
[71] INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF MEDICAL SCIENCES, CN
[71] JIANGSU TASLY DIYI PHARMACEUTICAL CO., LTD., CN
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[54] **A METHOD AND AN APPARATUS FOR AN ENZYMATIC HYDROLYSIS, A LIQUID FRACTION AND A SOLID FRACTION**
[54] **PROCEDE ET APPAREIL D'HYDROLYSE ENZYMATIQUE, UNE FRACTION LIQUIDE ET UNE FRACTION SOLIDE**
[72] TURUNEN, SAMI, FI
[72] TAMPER, JUHA, FI
[71] UPM-KYMMENE CORPORATION, FI
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[54] **PREPARATION GALENIQUE COMPRENANT UN MEDICAMENT TOPIQUE**
[72] CANTINA, CATHERINE, CH
[72] FERNANDES, PAUL, CH
[72] GRUBESA, MELINDA ENIKO, CH
[72] HAUG, CLAIRE, CH
[72] KELLER, MICHAEL, CH
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[54] **UTILISATION DU Z-HFO-1,1,1,4,4,4-HEXAFLUORO-2-BUTENE DANS DES APPLICATIONS D'EXPANSION A HAUTE TEMPERATURE**
[72] WYSONG, ERNEST BYRON, US
[71] THE CHEMOURS COMPANY FC, LLC, US
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[72] ELLSWORTH, KENNETH P., US
[72] MILLIGAN, JAMES A., US
[72] OLDHAM, ELIZABETH, US
[72] SEIFFERT, DIETMAR, US
[72] GANTI, VAISHNAVI, US
[72] TABRIZIFARD, MOHAMMAD, US
[72] PRINZ, BIANKA, US
[71] MERCK SHARP & DOHME CORP., US
[71] ADIMAB, LLC, US
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[54] **ENSEMBLE DIAPHRAGME DE REGULATEUR DE COMMANDE A DETENTE DE PRESSION INTEGREE**
[72] JACKSON, TRENTON F., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **COMPOSITIONS AND METHODS FOR IMMUNE CELL MODULATION IN ADOPTIVE IMMUNOTHERAPIES**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT DE MODULER LES CELLULES IMMUNITAIRES EN IMMUNOTHERAPIES ADOPTIVES**
[72] ROSEN, JONATHAN, US
[72] REZNER, BETSY, US
[72] VALAMEHR, BAHRAM, US
[72] BJORDAHL, RYAN, US
[72] PERALTA, EIGEN, US
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[25] FR
[54] **DETOXIFYING COMPOSITION FOR ORAL ADMINISTRATION AND METHOD FOR PREPARING SAME**
[54] **COMPOSITION A VISEE DETOXIFIANTE POUR ADMINISTRATION PAR VOIE ORALE ET SON PROCEDE DE PREPARATION**
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[54] **DISPOSITIF DE PERFORATION, GARNISSAGE ET FRACTURATION, ET COLONNE DE TUBAGE COMPORTANT LEDIT DISPOSITIF**
[72] GAN, ZHENWEI, CN
[72] QI, BIN, CN
[72] HOU, ZHIMIN, CN
[72] HU, SHUNQU, CN
[72] CHEN, CHEN, CN
[72] XIE, ZHI, CN
[72] WANG, QIANG, CN
[72] ZHAO, WEI, CN
[72] ZHOU, YIJUN, CN
[72] LEI, WEI, CN
[71] SINOPEC SOUTHWEST OIL & GAS COMPANY, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
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[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/114 (2006.01)**
[25] EN
[54] **TOOL FOR PERFORATING, PACKING AND FRACTURING AND TUBING STRING COMPRISING THE TOOL**
[54] **OUTIL DE PERFORATION, GARNISSAGE ET FRACTURATION, ET COLONNE DE TUBAGE COMPORTANT LEDIT OUTIL**
[72] GAN, ZHENWEI, CN
[72] QI, BIN, CN
[72] HU, SHUNQU, CN
[72] HOU, ZHIMIN, CN
[72] ZHOU, YIJUN, CN
[72] WANG, LEI, CN
[72] LIU, TAO, CN
[72] TENG, WENJIANG, CN
[72] CUI, JINGYU, CN
[72] LIN, YONGMAO, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] SINOPEC SOUTHWEST OIL & GAS COMPANY, CN
[85] 2018-06-29
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[51] **Int.Cl. A61K 31/41 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR THE TREATMENT OF PRESBYOPIA**
[54] **COMPOSITIONS POUR LE TRAITEMENT DE LA PRESBYTIE**
[72] PINELLI, ROBERTO, CH
[71] PINELLI, ROBERTO, CH
[85] 2018-06-29
[86] 2016-12-22 (PCT/IB2016/057917)
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[30] CH (01917/15) 2015-12-29

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[51] **Int.Cl. C12N 9/20 (2006.01) C11B 3/00 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **PARTIAL ENZYMATIC HYDROLYSIS OF TRIACYLGLYCEROLS**
[54] **HYDROLYSE ENZYMATIQUE PARTIELLE DES TRIACYLGLYCEROLS**
[72] MUGFORD, PAUL, CA
[72] MUELLER, MONIKA, DE
[72] SCHURMANN, MARTIN, DE
[71] DSM IP ASSETS B.V., NL
[85] 2018-06-29
[86] 2016-12-29 (PCT/IB2016/058087)
[87] (WO2017/115323)
[30] US (62/272,833) 2015-12-30

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[51] **Int.Cl. E21B 7/04 (2006.01) E21B 7/08 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **WHIPSTOCK ASSEMBLY WITH A SUPPORT MEMBER**
[54] **ENSEMBLE SIFFLET DEVIATEUR COMPRENANT UN ELEMENT DE SUPPORT**
[72] DIETZ, WESLEY P., US
[72] DANCER, WILLIAM W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-07-03
[86] 2016-02-26 (PCT/US2016/019921)
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[25] EN
[54] **HEATER-ON-HEATSPREADER**
[54] **RECHAUFFEUR SUR DISSIPATEUR THERMIQUE**
[72] TREESE, DEREK, US
[72] KOSLOWSKI, NICOLAS, DE
[72] LEGGE, MICHAEL, DE
[72] ZELLER, WOLFGANG, DE
[71] AUTOMOTIVE COALITION FOR TRAFFIC SAFETY, INC., US
[85] 2018-07-03
[86] 2016-11-04 (PCT/US2016/060622)
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[51] **Int.Cl. E21B 7/14 (2006.01) E21B 7/16 (2006.01) E21B 10/00 (2006.01)**
[25] EN
[54] **SWITCHES FOR DOWNHOLE ELECTROCRUSHING DRILLING**
[54] **COMMUTATEURS DESTINES A UN FORAGE PAR ELECTROBROYAGE DE FOND DE TROU**
[72] MOENY, WILLIAM M., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[71] CHEVRON U.S.A. INC., US
[71] SDG LLC, US
[85] 2018-06-26
[86] 2016-02-22 (PCT/US2016/018925)
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[51] **Int.Cl. B65D 21/02 (2006.01) B65D 1/10 (2006.01) B65D 77/20 (2006.01)**
[25] EN
[54] **CONTAINER WITH ABRASION RESISTANT RIM**
[54] **RECIPIENT AVEC REBORD RESISTANT A L'ABRASION**
[72] GRANT, EDWARD A., US
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US
[85] 2018-07-03
[86] 2016-12-13 (PCT/US2016/066260)
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[30] US (14/997,147) 2016-01-15

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[51] **Int.Cl. H01L 49/00 (2006.01) G06N 99/00 (2010.01) H01L 39/22 (2006.01)**
[25] EN
[54] **TUNABLE BUS-MEDIATED COUPLING BETWEEN REMOTE QUBITS**
[54] **COUPLAGE ASSISTE PAR BUS REGLABLE ENTRE QUBITS ELOIGNES**
[72] NAAMAN, OFER, US
[72] KEANE, ZACHARY KYLE, US
[72] STOUTIMORE, MICAH, US
[72] FERGUSON, DAVID GEORGE, US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2018-07-03
[86] 2016-12-20 (PCT/US2016/067827)
[87] (WO2017/127205)
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[51] **Int.Cl. C08J 9/14 (2006.01)**
[25] EN
[54] **FOAMING OF POLYISOCYANATE/ACTIVE HYDROGEN-CONTAINING COMPOUND REACTION PRODUCT**
[54] **EXPANSION D'UN PRODUIT REACTIONNEL DE POLYISOCYANATE/COMPOSE A HYDROGENE ACTIF**
[72] WYSONG, ERNEST BYRON, US
[72] HITCHENS, BRUCE P., US
[71] THE CHEMOURS COMPANY FC, LLC, US
[85] 2018-06-28
[86] 2017-01-13 (PCT/US2017/013283)
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[30] US (62/281,991) 2016-01-22

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[25] EN
[54] **COMPOSITE ARTICLE**
[54] **ARTICLE COMPOSITE**
[72] DODGE, JEFFREY A., US
[72] KAMM, ANDRE, DE
[72] JONES, CHARLES E., JR., US
[72] GUST, KARL R., US
[71] BASF SE, DE
[85] 2018-06-28
[86] 2017-01-13 (PCT/US2017/013395)
[87] (WO2017/123915)
[30] US (62/279,029) 2016-01-15
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[30] US (62/279,027) 2016-01-15
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[51] **Int.Cl. E21B 34/10 (2006.01) E21B 33/12 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **BURST PLUG ASSEMBLY WITH CHOKE INSERT, FRACTURING TOOL AND METHOD OF FRACTURING WITH SAME**
[54] **ENSEMBLE BOUCHON DE RUPTURE AVEC PIECE RAPPORTEE D'ETRANGLEMENT, OUTIL DE FRACTURATION ET PROCEDE DE FRACTURATION L'UTILISANT**
[72] ARABSKYY, SERHIY, CA
[72] DUBOURDIEU, DWAYNE, CA
[72] MCGILLIVRAY, RYAN DAVID, CA
[71] TARTAN COMPLETION SYSTEMS INC., CA
[85] 2018-06-29
[86] 2016-02-04 (PCT/CA2016/000030)
[87] (WO2017/132744)
[30] US (62/290,817) 2016-02-03

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[51] **Int.Cl. F16L 41/00 (2006.01) F17D 3/18 (2006.01) G01F 1/38 (2006.01)**
[25] FR
[54] **ELECTRONIC DEVICE INTENDED FOR BEING INSERTED INTO A PIPE, AND METHOD FOR INSTALLING THE DEVICE**
[54] **DISPOSITIF ELECTRONIQUE DESTINE A ETRE INSERE DANS UNE CANALISATION, ET PROCEDE D'INSTALLATION DU DISPOSITIF**
[72] GORINTIN, LOUIS, FR
[72] OUDWAN, MAHER, FR
[72] BIDEAULT, JEAN-MICHEL, FR
[71] ENGIE, FR
[85] 2018-06-29
[86] 2016-12-29 (PCT/FR2016/053681)
[87] (WO2017/115054)
[30] FR (1563505) 2015-12-31

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[51] **Int.Cl. A41D 19/015 (2006.01) A41D 13/015 (2006.01) A41D 13/08 (2006.01) A63B 71/14 (2006.01)**
[25] EN
[54] **SPORTS GLOVE HAVING IMPROVED WRIST STRAP AND DORSAL SPLINT SYSTEM**
[54] **GANT DE SPORT PRESENTANT UNE BANDE DE POIGNET ET UN SYSTEME D'ATTELLE DORSALE AMELIORES**
[72] CLEMENT, KEN, CA
[72] CLEMENT, CRAIG, CA
[72] ZIKAKIS, JOHN DAVID, CA
[71] HAYABUSA FIGHTWEAR INC., CA
[85] 2018-06-29
[86] 2016-04-29 (PCT/CA2016/050501)
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[30] US (14/731,365) 2015-06-04

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[51] **Int.Cl. A61G 5/10 (2006.01) A61G 7/05 (2006.01) A61G 7/10 (2006.01)**
[25] EN
[54] **SLOUCH CORRECTION DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE CORRECTION D'AVACHISSEMENT**
[72] MACKENZIE, MATTHEW, CA
[72] ALIPHAT, GABRIEL J. W., CA
[71] MACKENZIE ATLANTIC TOOL AND DIE/MACHINING LTD., CA
[85] 2018-06-29
[86] 2017-01-11 (PCT/CA2017/000004)
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[30] CA (2,917,234) 2016-01-11

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[51] **Int.Cl. C10G 31/10 (2006.01)**
[25] EN
[54] **HYDROCARBON EXTRACTION BY OLEOPHILIC BEADS FROM AQUEOUS MIXTURES**
[54] **EXTRACTION D'HYDROCARBURE PAR PERLES OLEOPHILES A PARTIR DE MELANGES AQUEUX**
[72] GRADEK, THOMAS, CA
[71] GRADEK, THOMAS, CA
[85] 2018-06-29
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[51] **Int.Cl. F16B 23/00 (2006.01) F16B 25/00 (2006.01)**
[25] EN
[54] **FASTENER WITH PIVOTING HEAD**
[54] **DISPOSITIF DE FIXATION MUNI DE TETE PIVOTANTE**
[72] GODBOUT, JOSEPH DANIEL PAUL, CA
[71] GODBOUT, JOSEPH DANIEL PAUL, CA
[85] 2018-06-29
[86] 2016-12-28 (PCT/CA2016/051546)
[87] (WO2017/113015)
[30] US (62/272,601) 2015-12-29

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[51] **Int.Cl. A61F 13/15 (2006.01) A61L 15/22 (2006.01) C08J 5/04 (2006.01)**
[25] EN
[54] **SUPERABSORBENT MATERIAL SAT (SUPER ABSORBENT TISSUE)**
[54] **SAT (TISSU SUPERABSORBANT) DE MATERIAU SUPERABSORBANT**
[72] PALUMBO, GIANFRANCO, IT
[71] PALUMBO, GIANFRANCO, IT
[85] 2018-06-29
[86] 2016-01-20 (PCT/EP2016/051089)
[87] (WO2016/120130)
[30] IT (GE2015A000013) 2015-01-30

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[51] **Int.Cl. E06C 9/02 (2006.01) E06C 1/34 (2006.01)**
[25] EN
[54] **LADDER ASSEMBLY**
[54] **ENSEMBLE D'ECHELLE**
[72] BARENDREGT, WILLIAM BERNARD, CA
[71] BARENDREGT, WILLIAM BERNARD, CA
[85] 2018-06-29
[86] 2017-01-16 (PCT/CA2017/050047)
[87] (WO2017/127917)
[30] US (15/008,754) 2016-01-28

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[51] **Int.Cl. B65F 5/00 (2006.01) B65F 9/00 (2006.01) B65G 53/46 (2006.01) B65G 53/52 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND SYSTEM FOR HANDLING WASTE MATERIAL**
[54] **PROCEDE, APPAREIL ET SYSTEME DE TRAITEMENT DE MATERIAU DE DECHETS**
[72] SUNDHOLM, GORAN, FI
[71] MARICAP OY, FI
[85] 2018-06-29
[86] 2017-01-02 (PCT/FI2017/050001)
[87] (WO2017/118779)
[30] FI (20165006) 2016-01-07

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[51] **Int.Cl. B23K 26/36 (2014.01) B28D 1/22 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PLANAR CREATION OF MODIFICATIONS IN SOLID STATES**
[54] **PROCEDE ET DISPOSITIF DE GENERATION PLANAIRE DE MODIFICATIONS DANS DES CORPS SOLIDES**
[72] RIESKE, RALF, DE
[72] BEYER, CHRISTIAN, DE
[72] GUNTHER, CHRISTOPH, DE
[72] RICHTER, JAN, DE
[72] SWOBODA, MARKO, DE
[71] SILTECTRA GMBH, DE
[85] 2018-06-29
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[30] DE (10 2016 000 051.1) 2016-01-05

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[25] EN
[54] **COOKING APPARATUS**
[54] **APPAREIL DE CUISSON**
[72] TAPANINAHO, MATTI KRISTIAN, GB
[71] UUNI LIMITED, GB
[85] 2018-06-29
[86] 2016-12-23 (PCT/GB2016/054062)
[87] (WO2017/115084)
[30] GB (1523175.6) 2015-12-31

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[51] **Int.Cl. E21B 41/00 (2006.01) C09K 8/02 (2006.01) E21B 43/17 (2006.01)**
[25] EN
[54] **EXOTHERMIC REACTANTS FOR USE IN SUBTERRANEAN FORMATION TREATMENT FLUIDS**
[54] **REACTIFS EXOTHERMIQUES DESTINES A ETRE UTILISES DANS DES FLUIDES DE TRAITEMENT DE FORMATION SOUTERRAINE**
[72] LUCAS, BRYAN CHAPMAN, US
[72] FISHER, CHAD A., US
[72] WESTON, MELISSA CHRISTINE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. C12N 5/0775 (2010.01) A61K 35/28 (2015.01)**
[25] EN
[54] **METHOD FOR PROMOTING AND IMPROVING PROPERTIES OF ADIPOSE TISSUE, TISSUE AND CELLS OBTAINED BY SAID METHOD**
[54] **PROCEDE STIMULANT ET AMELIORANT LES PROPRIETES DU TISSU ADIPEUX, TISSU ET CELLULES OBTENUS PAR LEDIT PROCEDE**
[72] GORIO, ALFREDO, IT
[71] GORIO, ALFREDO, IT
[85] 2018-06-29
[86] 2016-12-28 (PCT/IB2016/058035)
[87] (WO2017/115289)
[30] IT (102015000089292 UB2015) 2015-12-30

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[51] **Int.Cl. A01N 63/00 (2006.01) C05F 11/08 (2006.01) C12N 1/14 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **MICROBIAL CONSORTIA**
[54] **CONSORTIUMS MICROBIENS**
[72] YOON, SUNG-YONG H., US
[72] SWORDS, KATHLEEN, US
[72] WAGNER, D. RY, US
[72] LIU, XING LIANG, US
[71] AGRINOS AS, NO
[85] 2018-06-29
[86] 2016-08-31 (PCT/US2016/049618)
[87] (WO2017/131821)
[30] US (62/289,020) 2016-01-29

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[13] A1
[51] **Int.Cl. F24F 1/46 (2011.01) F24F 1/20 (2011.01) H02S 10/00 (2014.01) H02S 20/20 (2014.01) F16M 1/00 (2006.01) F25B 27/00 (2006.01) H02J 7/35 (2006.01)**
[25] EN
[54] **SOLAR INTEGRATED CHILLER METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE REFROIDISSEMENT INTEGRE SOLAIRE**
[72] CANINO, VINCENT, US
[72] TUTWILER, GREGORY, US
[71] SMARDT CHILLER GROUP INC., CA
[85] 2018-06-29
[86] 2017-01-24 (PCT/CA2017/050070)
[87] (WO2017/127919)
[30] US (62/286,824) 2016-01-25

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[13] A1
[51] **Int.Cl. E04F 15/10 (2006.01)**
[25] EN
[54] **FLOOR PANEL FOR FORMING A FLOOR COVERING, AND SUBSTRATE FOR A PANEL**
[54] **PANNEAU DE PLANCHER POUR LA FORMATION D'UN REVETEMENT DE SOL ET SUBSTRAT POUR UN PANNEAU**
[72] SEGAERT, MARTIN, BE
[71] UNILIN, BVBA, BE
[85] 2018-06-29
[86] 2017-01-12 (PCT/IB2017/050161)
[87] (WO2017/122149)
[30] BE (BE2016/5036) 2016-01-15

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[13] A1
[51] **Int.Cl. E04H 17/22 (2006.01) E02D 5/80 (2006.01) E04H 12/22 (2006.01)**
[25] EN
[54] **ANCHORING SYSTEM FOR RAILING, RAILING PROVIDED WITH SUCH A SYSTEM, KIT FOR ASSEMBLING THE SAME, AND CORRESPONDING METHODS OF MANUFACTURING, ASSEMBLY AND USE ASSOCIATED THERETO**
[54] **SYSTEME D'ANCRAGE POUR GARDE-CORPS, GARDE-CORPS POURVU D'UN TEL SYSTEME, KIT D'ASSEMBLAGE DE CELUI-CI, ET PROCEDES DE FABRICATION, D'ASSEMBLAGE ET D'UTILISATION CORRESPONDANTS ASSOCIES A CELUI-CI**
[72] LOVE, ERIK, CA
[71] LOVE, ERIK, CA
[85] 2018-06-29
[86] 2017-12-21 (PCT/CA2017/051579)
[87] (WO2018/112652)
[30] CA (2952477) 2016-12-21
[30] US (62/492,611) 2017-05-01
[30] US (62/524,173) 2017-06-23

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[13] A1
[51] **Int.Cl. A47G 19/22 (2006.01) B67D 7/20 (2010.01) B65D 43/02 (2006.01) B65D 51/24 (2006.01)**
[25] EN
[54] **A DEVICE FOR REMINDING A USER TO DRINK FROM A CONTAINER**
[54] **DISPOSITIF DESTINE A RAPPELER A UN UTILISATEUR DE BOIRE DEPUIS UN CONTENANT**
[72] BENTKOVSKI, YACOV, IL
[71] WATERIO LTD, IL
[85] 2018-06-29
[86] 2016-12-01 (PCT/IL2016/051288)
[87] (WO2017/094012)
[30] US (14/956,987) 2015-12-02

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[13] A1
[51] **Int.Cl. G01F 23/00 (2006.01)**
[25] EN
[54] **DEVICE FOR REMINDING AND MEASURING MATERIAL LEVEL INSIDE A MATERIAL CONTAINER**
[54] **DISPOSITIF DE RAPPEL ET DE MESURE DE NIVEAU DE MATIERE A L'INTERIEUR D'UN CONTENANT DE MATIERE**
[72] BENTKOVSKI, YAKOV, IL
[71] WATERIO LTD, IL
[85] 2018-06-29
[86] 2016-12-09 (PCT/IL2016/051322)
[87] (WO2017/103919)
[30] US (14/972,870) 2015-12-17

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[51] **Int.Cl. A61J 1/20 (2006.01) A61M 39/00 (2006.01)**
[25] EN
[54] **LUER LOCK ADAPTOR**
[54] **ADAPTATEUR LUER-LOCK**
[72] SHEMESH, ELI, IL
[71] TEVA MEDICAL LTD., IL
[85] 2018-06-29
[86] 2017-01-18 (PCT/IL2017/050063)
[87] (WO2017/125920)
[30] US (15/003,170) 2016-01-21

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[13] A1
[51] **Int.Cl. C12N 1/38 (2006.01) C12N 1/20 (2006.01) C12P 1/04 (2006.01)**
[25] EN
[54] **ARGININE SUPPLEMENTATION TO IMPROVE EFFICIENCY IN GAS FERMENTING ACETOGENS**
[54] **SUPPLEMENTATION EN ARGININE POUR AMELIORER L'EFFICACITE DES ACETOGENES DE FERMENTATION GAZEUSE**
[72] VALGEPEA, KASPAR, AU
[72] KOEPKE, MICHAEL, US
[72] BEHRENDORFF, JAMES BRUCE YARNTON HAYCOCK, US
[72] MARCELLIN, ESTEBAN, AU
[72] NIELSEN, LARS K., AU
[72] LEMGRUBER, RENATO DE S.P., AU
[71] LANZATECH NEW ZEALAND LIMITED, NZ
[71] THE UNIVERSITY OF QUEENSLAND, AU
[85] 2018-06-29
[86] 2016-12-02 (PCT/US2016/064855)
[87] (WO2017/096324)
[30] US (62/262,886) 2015-12-03
[30] US (62/262,888) 2015-12-03

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[13] A1
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[25] EN
[54] **CRYPTO MULTIPLE SECURITY ASSET CREATION AND REDEMPTION PLATFORM**
[54] **PLATEFORME CRYPTEE DE CREATION ET DE RACHAT D'ACTIFS A MULTIPLES NIVEAUX DE SECURITE**
[72] WILKINS, ALEC, US
[72] CHRISTENSEN, ROBERT, US
[72] WELBORN, JOHN WESLEY, US
[72] TABACCO, JOHN, US
[72] NICKLE, GLEN, US
[71] T0.COM, INC., US
[85] 2018-06-29
[86] 2016-12-30 (PCT/US2016/069544)
[87] (WO2017/131929)
[30] US (62/273,848) 2015-12-31
[30] US (15,141,582) 2016-04-28

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[13] A1
[51] **Int.Cl. E04B 2/74 (2006.01) E04B 2/82 (2006.01)**
[25] EN
[54] **DRYWALL AND SEALING DEVICE FOR SEALING A CONNECTION JOINT OF A DRYWALL**
[54] **PAROI DE CONSTRUCTION SECHE ET DISPOSITIF D'ETANCHEITE POUR L'ETANCHEITE D'UN JOINT DE RACCORDEMENT D'UNE PAROI DE CONSTRUCTION SECHE**
[72] KLEIN, MANFRED, DE
[72] FORG, CHRISTIAN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2018-06-29
[86] 2017-01-11 (PCT/EP2017/050435)
[87] (WO2017/129398)
[30] EP (16152551.4) 2016-01-25

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[71] ANTENOVA LIMITED, GB
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[25] EN
[54] **COMPOSITIONS AND LIBRARIES COMPRISING RECOMBINANT T-CELL RECEPTORS AND METHODS OF USING RECOMBINANT T-CELL RECEPTORS**
[54] **COMPOSITIONS ET BIBLIOTHEQUES COMPRENANT DES RECEPTEURS DE LYMPHOCYTES T RECOMBINES ET METHODES D'UTILISATION DES RECEPTEURS DE LYMPHOCYTES T RECOMBINES**
[72] ODUNSI, ADEKUNLE, US
[72] TSUJI, TAKEMASA, US
[72] MATSUZAKI, JUNKO, US
[71] HEALTH RESEARCH, INC., US
[85] 2018-06-29
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[54] **CATIONIC POLYMER WITH AN AT LEAST BIMODAL MOLECULAR WEIGHT DISTRIBUTION**
[54] **POLYMERE CATIONIQUE PRESENTANT AU MOINS UNE DISTRIBUTION DE POIDS MOLECULAIRE BIMODALE**
[72] LEYRER, RHEINHOLD J., DE
[72] FONSECA, GLEDISON, DE
[72] FLORES-FIGUEROA, AARON, DE
[72] BOYKO, VOLODYMYR, DE
[72] DYKSTRA, ROBERT RICHARD, US
[72] SIVIK, MARK ROBERT, US
[71] BASF SE, DE
[85] 2018-06-29
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[54] **VARIANT BASED DISEASE DIAGNOSTICS AND TRACKING**
[54] **DIAGNOSTIC ET SUIVI DE MALADIE A BASE DE VARIANT**
[72] VENN, OLIVER CLAUDE, US
[71] GRAIL, INC., US
[85] 2018-06-29
[86] 2017-01-20 (PCT/US2017/014427)
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[54] **SYSTEMS AND METHODS OF FABRICATION AND USE OF WEAR-RESISTANT MATERIALS**
[54] **SYSTEMES ET PROCEDES DE FABRICATION ET D'UTILISATION DE MATERIAUX RESISTANT A L'USURE**
[72] KUMAR, BIJU PILLAI, US
[72] IVIE, BRADLEY S., US
[72] LIU, WEI, US
[72] KUMAR, ANIL, US
[72] GILLEYLEN, RUSSELL C., US
[72] HUGHES, MICHAEL D., US
[71] NATIONAL OILWELL DHT, L.P., US
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[54] **MOULE DE FORMAGE**
[72] SCHLEICH, RALF, DE
[72] EISINGER, CLAUS, DE
[71] VOESTALPINE AUTOMOTIVE COMPONENTS DEUTSCHLAND GMBH, DE
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[54] **CUCURBITANE TETRACYCLIC TRITERPENOID COMPOUNDS FOR APPLICATION IN TREATING PULMONARY FIBROSIS**
[54] **COMPOSE TRITERPENOIDE TETRACYCLIQUE DE CUCURBITANE POUR APPLICATION DANS LE TRAITEMENT DE LA FIBROSE PULMONAIRE**
[72] XIE, HAIFENG, CN
[72] ZHANG, CHAOFENG, CN
[72] XIE, QILIN, CN
[72] HU, YUNLING, CN
[71] CHENGDU BIOPURIFY LTD., CN
[85] 2018-06-29
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[54] **CONDUIT PIG**
[54] **RACLEUR DE CONDUITE**
[72] HOOPER, MICHAEL, CA
[72] FOONG, WENG CHEE, CA
[72] FLETCHER, DAN, CA
[71] FIBERBUILT MANUFACTURING INC., CA
[85] 2018-07-03
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[54] **ANNULAR BARRIER AND DOWNHOLE SYSTEM FOR LOW PRESSURE ZONE**
[54] **BARRIERE ANNULAIRE ET SYSTEME DE FOND POUR ZONE A BASSE PRESSION**
[72] VASQUES, RICARDO REVES, DK
[71] WELLTEC A/S, DK
[85] 2018-06-29
[86] 2017-01-25 (PCT/EP2017/051537)
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[54] **BIT-SCRAMBLING IN DIFFERENTIAL PULSE POSITION MODULATION**
[54] **EMBROUILLAGE DE BIT EN MODULATION DE POSITION D'IMPULSION DIFFERENTIELLE**
[72] CHU, JIANYING, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-07-03
[86] 2016-03-11 (PCT/US2016/022144)
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[25] EN
[54] **TUNNEL BORING DEVICE AND SYSTEM FOR THE HYDRAULIC REMOVAL OF CUTTINGS, AND SYSTEM FOR PRODUCING A STABLE FLUID PRESSURE FOR A BORING FLUID IN THE REGION OF A CUTTING DISK OF THE TUNNEL BORING DEVICE**
[54] **TUNNELIER ET SYSTEME D'EVACUATION PAR VOIE HYDRAULIQUE DE DEBLAIS DE FORAGE ET SYSTEME POUR ETABLIR UNE PRESSION STABLE D'UN LIQUIDE DE FORAGE DANS LA ZONE D'UNE ROUE DE COUPE DUDIT TUNNELIER**
[72] GERHARDT, TOBIAS, DE
[72] LUBBERGER, MICHAEL, DE
[71] HERRENKNECHT AG, DE
[85] 2018-06-29
[86] 2017-01-27 (PCT/EP2017/051816)
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[54] **METHOD AND SYSTEM FOR AUTOMATED ADJUSTMENT OF DRILLING MUD PROPERTIES**
[54] **PROCEDE ET SYSTEME D'AJUSTEMENT AUTOMATISE DE PROPRIETES DE BOUE DE FORAGE**
[72] ASTRID, PATRICIA, NL
[72] BLANGE, JAN-JETTE, NL
[72] HAGERAATS-PONOMAREVA, SVETLANA VIKTOROVNA, NL
[72] SCHUIT, TIMOTHY ENGELBERTUS, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-07-03
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[25] EN
[54] **VACUUM LAUNDRY CHUTE SYSTEM**
[54] **SYSTEME DE GLISSIERE A LINGE SOUS VIDE**
[72] HENRY, DREW P., US
[71] HENRY, DREW P., US
[85] 2018-07-03
[86] 2016-11-18 (PCT/US2016/062930)
[87] (WO2017/087892)
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[54] **BATTERY STICK OF ELECTRONIC CIGARETTE**
[54] **BATONNET FORMANT BATTERIE POUR CIGARETTE ELECTRONIQUE**
[72] LIN, GUANGRONG, CN
[72] ZHENG, XIANBIN, CN
[71] LIN, GUANGRONG, CN
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[25] EN
[54] **CHILLED AIR RESPIRATOR AND RELATED METHOD FOR TREATING AIR**
[54] **RESPIRATEUR D'AIR REFRIGERE ET PROCEDE ASSOCIE DE TRAITEMENT DE L'AIR**
[72] BERKSON, BRUCE RICHARD, US
[71] TRYBRIDRIVE LLC, US
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[86] 2016-11-21 (PCT/US2016/063050)
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[25] EN
[54] **TANGENTIAL FLOW FILTRATION PROCESS FOR CONCENTRATING BIOMOLECULE SOLUTIONS**
[54] **PROCEDE DE FILTRATION TANGENTIELLE POUR CONCENTRER DES SOLUTIONS DE BIOMOLECULES**
[72] HEISE, CHARLES, GB
[72] NAGY, TIBOR, GB
[71] FUJIFILM DIOSYNTH BIOTECHNOLOGIES UK LIMITED, GB
[85] 2018-07-03
[86] 2016-12-19 (PCT/GB2016/053980)
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[30] GB (1600287.5) 2016-01-07

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[51] **Int.Cl. A45C 9/00 (2006.01) A45C 3/00 (2006.01)**
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[54] **BAG USABLE AS KNEE GUARDS**
[54] **SAC UTILISABLE COMME PROTECTION DE GENOUX**
[72] AHN, SEUNG GEUN, KR
[71] AHN, SEUNG GEUN, KR
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[86] 2016-12-29 (PCT/KR2016/015519)
[87] (WO2017/116187)
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[51] **Int.Cl. G01C 21/00 (2006.01)**
[25] EN
[54] **DETERMINING A NAVIGATION PATH BASED ON ONE OR MORE ROAD SEGMENTS**
[54] **DETERMINATION D'UN TRAJET DE NAVIGATION SUR LA BASE D'UN OU PLUSIEURS SEGMENTS DE ROUTE**
[72] CHINTAKINDI, SUNIL, US
[72] HAYES, HOWARD, US
[72] THAMMI, SANTHOSH, US
[71] ALLSTATE INSURANCE COMPANY, US
[85] 2018-07-03
[86] 2017-01-03 (PCT/US2017/012029)
[87] (WO2017/120137)
[30] US (62/274,888) 2016-01-05
[30] US (62/274,835) 2016-01-05
[30] US (15/182,955) 2016-06-15
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[25] EN
[54] **METHOD TO EXCHANGE VISUAL ELEMENTS AND POPULATE INDIVIDUAL ASSOCIATED DISPLAYS WITH INTERACTIVE CONTENT**
[54] **PROCEDE POUR ECHANGER DES ELEMENTS VISUELS ET GARNIR DES AFFICHAGES INDIVIDUELS ASSOCIES AVEC UN CONTENU INTERACTIF**
[72] MABEY, MICHAEL HOWATT, CA
[72] DE LA FUENTE, ALFONSO FABIAN, CA
[72] SAMANANI, NASHIRALI, CA
[71] QUIRKLOGIC, INC., CA
[85] 2018-07-03
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[51] **Int.Cl. A21D 8/04 (2006.01) A21D 13/02 (2006.01)**
[25] EN
[54] **PREPARATION OF A BAKED PRODUCT COMPRISING FIBERS TREATED BY A CELLULASE**
[54] **PREPARATION D'UN PRODUIT CUIT COMPRENANT DES FIBRES TRAITEES AVEC UNE CELLULASE**
[72] NIEMANN, HELLE, DK
[71] NOVOZYMES A/S, DK
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[54] **THERMOFORMED MICROCAPILLARY SHEETING**
[54] **FEUILLE MICROCAPILLAIRE THERMOFORMEE**
[72] HUANG, WENYI, US
[72] DOOLEY, JOSEPH, US
[72] MARTIN, JILL M., US
[72] BHATTACHARJEE, DEBKUMAR, US
[72] HOGAN, TODD A., US
[72] SANKETH, KUMAR N., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **DATA PROCESSING SYSTEM COMMUNICATING WITH A MAP DATA PROCESSING SYSTEM TO GENERATE A DISPLAY OF ONE OR MORE SEGMENTS OF ONE OR MORE VEHICLE ROUTES**
[54] **SYSTEME DE TRAITEMENT DE DONNEES COMMUNIQUANT AVEC UN SYSTEME DE TRAITEMENT DE DONNEES CARTOGRAPHIQUES DE FACON A GENERER UN AFFICHAGE D'UN OU PLUSIEURS SEGMENTS D'UN OU PLUSIEURS TRAJETS D'UN VEHICULE**
[72] CHINTAKINDI, SUNIL, US
[72] HAYES, HOWARD, US
[71] ALLSTATE INSURANCE COMPANY, US
[85] 2018-07-03
[86] 2014-03-14 (PCT/US2017/012016)
[87] (WO2017/120129)
[62] 2,906,777
[30] US (62/274,888) 2016-01-05
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[25] EN
[54] **METHODS AND SYSTEMS FOR SECURING DATA IN THE PUBLIC CLOUD**
[54] **PROCEDES ET SYSTEMES DE SECURISATION DE DONNEES DANS LE NUAGE PUBLIC**
[72] BAIG, ATTAULLAH, US
[72] PARIKH, VISHAL, US
[71] CAPITAL ONE SERVICES, LLC, US
[85] 2018-07-03
[86] 2016-12-29 (PCT/US2016/069191)
[87] (WO2017/120097)
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[51] **Int.Cl. G08B 21/00 (2006.01) A63B 21/065 (2006.01) G08B 21/02 (2006.01) G08B 23/00 (2006.01)**
[25] EN
[54] **WEARABLE ALERT SYSTEM**
[54] **SYSTEME D'ALERTE VESTIMENTAIRE**
[72] MYERS, JOEL N., US
[72] MYERS, LACHLAN, US
[72] ROOT, MICHAEL R., US
[72] SMITH, MICHAEL R., US
[71] LOCATOR IP, L.P., US
[85] 2018-07-03
[86] 2017-01-04 (PCT/US2017/012155)
[87] (WO2017/120208)
[30] US (62/274,685) 2016-01-04
[30] US (62/298,794) 2016-02-23
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[51] **Int.Cl. G08G 1/0968 (2006.01) G01C 21/34 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS TO APPLY ROBUST PREDICTIVE TRAFFIC LOAD BALANCING CONTROL AND ROBUST COOPERATIVE SAFE DRIVING FOR SMART CITIES**
[54] **SYSTEME ET PROCEDES POUR APPLIQUER UNE COMMANDE ROBUSTE D'EQUILIBRAGE DE CHARGE DE CIRCULATION PREDICTIF ET UNE CONDUITE PRUDENTE ROBUSTEMENT COOPERATIVE POUR VILLES INTELLIGENTES**
[72] MINTZ, YOSEF, IL
[71] MINTZ, YOSEF, IL
[85] 2018-07-03
[86] 2017-01-03 (PCT/IB2017/050007)
[87] (WO2017/115342)
[30] US (62/274,322) 2016-01-03
[30] US (62/280,220) 2016-01-19
[30] US (62/296,748) 2016-02-18
[30] US (62/315,207) 2016-03-30
[30] US (62/361,094) 2016-07-12
[30] US (62/407,739) 2016-10-13

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[51] **Int.Cl. B65D 5/24 (2006.01) B65D 5/00 (2006.01) B65D 5/10 (2006.01) B65D 5/26 (2006.01) B65D 5/66 (2006.01) B65D 81/34 (2006.01)**
[25] EN
[54] **ERECTABLE CONTAINER, BLANK AND METHOD**
[54] **RECIPIENT DEPLOYABLE, DECOUPE ET PROCEDE ASSOCIES**
[72] WOLF, KURT, US
[72] EHLER, JENNIFER, US
[71] LBP MANUFACTURING LLC, US
[85] 2018-07-03
[86] 2017-01-05 (PCT/US2017/012254)
[87] (WO2017/120282)
[30] US (62/276,107) 2016-01-07
[30] US (62/338,628) 2016-05-19

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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 17/00 (2006.01) E21B 33/128 (2006.01)**
[25] EN
[54] **SLOTTED ANTI-EXTRUSION RING ASSEMBLY**
[54] **ENSEMBLE ANNEAU ANTI-EXTRUSION RAINURE**
[72] DENG, GUIJUN, US
[72] CAYSON, ANDREW J., US
[72] WAKEFIELD, JOHN K., US
[72] PRIETO, CARLOS A., US
[72] KENDALL, ALEXANDER M., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-07-03
[86] 2017-01-04 (PCT/US2017/012127)
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[30] US (14/989,199) 2016-01-06

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[51] **Int.Cl. A61B 34/10 (2016.01)**
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[54] **SYSTEMS AND METHODS FOR PLANNING MEDICAL PROCEDURES**
[54] **SYSTEMES ET PROCEDES POUR PLANIFIER DES PROCEDURES MEDICALES**
[72] LONG, JERRY T., US
[72] HARRAH, TIMOTHY P., US
[72] CRAFT, BRANDON W., US
[72] STOKLEY, ELIZABETH A., US
[72] KOERNER, SEBASTIAN, DE
[72] SPERRY, ERIK, US
[72] SCHNEIDER, CHAD, US
[72] HERA, MARK, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
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[86] 2017-01-05 (PCT/US2017/012381)
[87] (WO2017/120369)
[30] US (62/275,466) 2016-01-06

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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AEROSOL DELIVERY DEVICE WITH IMPROVED FLUID TRANSPORT**
[54] **DISPOSITIFS DE DISTRIBUTION D'AEROSOL POURVU D'UN TRANSPORT DE FLUIDE AMELIORE**
[72] DAVIS, MICHAEL F., US
[72] GARCIA, ERCILIA HERNANDEZ, US
[72] HUBBARD, SAWYER, US
[72] PHILLIPS, PERCY D., US
[72] ROGERS, JAMES WILLIAM, US
[72] SEARS, STEPHEN BENSON, US
[72] SEBASTIAN, ANDRIES D., US
[72] TALUSKIE, KAREN V., US
[71] RAI STRATEGIC HOLDINGS, INC., US
[85] 2018-07-03
[86] 2017-01-04 (PCT/IB2017/050025)
[87] (WO2017/118927)
[30] US (14/988,109) 2016-01-05

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[51] **Int.Cl. A61K 31/426 (2006.01) A01N 43/78 (2006.01) A61K 31/425 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **BENZOTHIAZOLE AMPHIPHILES**
[54] **AMPHOPHILES DE BENZOTHIAZOLE**
[72] YANG, JERRY, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-07-03
[86] 2017-01-04 (PCT/US2017/012139)
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[30] US (62/274,907) 2016-01-05

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[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **MULTIDOSE INHALER**
[54] **INHALATEUR MULTIDOSE**
[72] GLUSKER, MARK, US
[72] CHIAO, ALEX YULAN, US
[72] AXFORD, GEORGE, US
[72] SERAFIN, COLLEEN PATRICIA, US
[72] SUMMERS, JONATHAN PATRICK, US
[72] DOWNING, JONATHAN PAUL, US
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[54] **SYSTEME ET METHODES POUR LE TRAITEMENT D'UNE OBSTRUCTION MICROVASCULAIRE**
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[72] ROTHMAN, MARTIN T., US
[72] HOEM, JON H., CH
[71] CORFLOW THERAPEUTICS AG, CH
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[54] **STOCKAGE THERMIQUE AVEC COMPOSES PHOSPHORES**
[72] SCHICHTEL, MARTIN, DE
[71] NEBUMA GMBH, DE
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[54] **METHOD AND SYSTEM FOR REPRESENTING A SHARED DIGITAL VIRTUAL "ABSOLUTE" CANVAS**
[54] **PROCEDE ET SYSTEME DE REPRESENTATION D'UN CANEVAS "ABSOLU" VIRTUEL NUMERIQUE PARTAGE**
[72] MABEY, MICHAEL HOWATT, CA
[72] DE LA FUENTE, ALFONSO FABIAN, CA
[72] SAMANANI, NASHIRALI, CA
[71] QUIRKLOGIC, INC., CA
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[54] **DISPOSITIF D'OBTENTION D'AU MOINS UN PARAMETRE PHYSIOLOGIQUE**
[72] SEBBAN, ERIC, FR
[71] BEWELLCONNECT, FR
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[54] **SYSTEMES ET PROCEDES POUR TESTER LA PRESSION D'EQUIPEMENT DE COMMANDE DE PUITS**
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[72] PEYREGNE, JOEY, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
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[54] **PLAQUE DE ROBINET-VANNE A LUNETTE**
[72] COLLURA, MARIANO, BE
[72] SIBIET, FABRICE, FR
[71] VESUVIUS GROUP, SA, BE
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[54] **NOUVEAU PROCEDE PERMETTANT D'AMELIORER L'HYDROLYSE ENZYMATIQUE, PARFUM PROTEIQUE RESULTANT ET BIOACTIVITE DE CHUTES DE POISSON**
[72] FRAMROZE, BOMI, NO
[72] ROGNE, ROALD, NO
[71] HOFSETH BIOCARE ASA, NO
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[54] **SYSTEME ET PROCEDE DE MESURE D'UNE PROPRIETE D'ECOULEMENT D'UN FLUIDE AU SEIN D'UN MILIEU POREUX**
[72] YOUSSEF, SOUHAIL, FR
[72] PEYSSON, YANNICK, FR
[72] DESCHAMPS, HERVE, FR
[71] IFP ENERGIES NOUVELLES, FR
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[54] **MACHINE DE MALAXAGE DE CAILLE POUR LA FABRICATION DE FROMAGES TIRES DE CAILLEBOTTE**
[72] TOMATIS, STEFANO, IT
[71] CMT COSTRUZIONI MECCANICHE E TECNOLOGIA SPA, IT
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[54] **COMPOSITIONS DEGRADABLES RESISTANTES A L'EXTRUSION ET ARTICLES MANUFACTURES**
[72] DUAN, PING, US
[72] SADANA, ANIL K., US
[72] KHATIWADA, SUMAN, US
[72] XU, YINGQING, US
[72] WANG, XIAO, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **SYSTEM AND METHOD FOR MAKING EXTRUDED GRANULAR ABSORBENT WITH POST-EXTRUSION COLD-PROCESSING OF EXTRUDED GRANULAR ABSORBENT**
[54] **SYSTEME ET PROCEDE DE FABRICATION D'UN ABSORBANT GRANULAIRE EXTRUDE, TRAITEMENT A FROID POSTEXTRUSION D'ABSORBANT GRANULAIRE EXTRUDE**
[72] LIPSCOMB, JOHN M., US
[72] RODRIGUEZ, OMAR L., US
[72] BERGE, CHAD C., US
[71] PIONEER PET PRODUCTS, LLC, US
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[54] **FRAGMENTATION DE ROCHE**
[72] FRANK, DION STUART, ZA
[71] TECHNOVATION PTY LTD, AU
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[54] **COVER OR TRAPDOOR WHICH IS HEIGHT-ADJUSTABLE AND RELEVANT INSTALLATION METHOD**
[54] **COUVERCLE OU TRAPPE REGLABLE EN HAUTEUR ET PROCEDE D'INSTALLATION CORRESPONDANT**
[72] ZANATTA, BRUNO, IT
[71] ZANATTA, BRUNO, IT
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[54] **CARBON BLACK, ELECTRODE CATALYST AND FUEL CELL USING SAME, AND METHOD FOR PRODUCING CARBON BLACK**
[54] **NOIR DE CARBONE, CATALYSEUR D'ELECTRODES ET PILE A COMBUSTIBLE L'UTILISANT, ET PROCEDE DE PRODUCTION DE NOIR DE CARBONE**
[72] UCHIDA, MAKOTO, JP
[72] KAKINUMA, KATSUYOSHI, JP
[72] IKEDA, DAIKI, JP
[72] HARADA, YUSAKU, JP
[72] MIYAKAWA, TAKESHI, JP
[71] UNIVERSITY OF YAMANASHI, JP
[71] DENKA COMPANY LIMITED, JP
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[25] EN
[54] **URIDINE PHOSPHORAMIDE PRODRUG, PREPARATION METHOD THEREFOR, AND MEDICINAL USES THEREOF**
[54] **PROMEDICAMENT DE PHOSPHORAMIDATE D'URIDINE, PROCEDE DE PREPARATION DE CE DERNIER, ET UTILISATIONS MEDICINALES DE CE DERNIER**
[72] WANG, GUOCHENG, CN
[72] WU, HUIMIN, CN
[71] JIANGSU TASLY DIYI PHARMACEUTICAL CO., LTD., CN
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[54] **RESEAU ET PROCESSUS DE DISTRIBUTION DE PUISSANCE ELECTRIQUE**
[72] WILLIAMS, MATTHEW, AU
[72] SCOBIE, ANDREW, AU
[71] FARADAY GRID LIMITED, GB
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[54] **SYSTEME ET PROCEDE DE LUBRIFICATION A HUILE-AIR UNIDIRECTIONNEL QUANTITATIF POUR MOTEUR A QUATRE TEMPS**
[72] LI, ZHIJUN, CN
[72] YU, JIAN, CN
[71] ZHEJIANG YAT ELECTRICAL APPLIANCE CO., LTD, CN
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[54] **UNITE DE STRUCTURE CELLULAIRE ET CELLULE MULTICOUCHE**
[72] IWAO, GOUICHI, JP
[72] KIKUTA, MAKOTO, JP
[72] SANO, MASAMI, JP
[71] KABUSHIKI KAISHA NIHON MICRONICS, JP
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[54] **SYSTEM AND METHODS FOR THE TREATMENT OF WOUNDS WITH DRESSING HAVING CLOSED CELLS**
[54] **SYSTEME ET PROCEDES POUR LE TRAITEMENT DE PLAIES AVEC UN PANSEMENT COMPORTANT DES CELLULES FERMEES**
[72] ROBINSON, TIMOTHY MARK, GB
[72] LOCKE, CHRISTOPHER BRIAN, GB
[71] KCI LICENSING, INC., US
[85] 2018-06-29
[86] 2016-12-13 (PCT/US2016/066392)
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[54] **COMBINEUR DE POMPE DE FIBRE**
[72] KANSKAR, MANOJ, US
[71] NLIGHT, INC., US
[85] 2018-06-29
[86] 2016-12-27 (PCT/US2016/068673)
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[54] **TOP SIDE BEAM OF CONTAINER AND CONTAINER**
[54] **POUTRE DE COTE SUPERIEUR DE CONTENEUR ET CONTENEUR**
[72] QI, JINXIANG, CN
[72] CHEN, ZHIHENG, CN
[72] CERNY, JAKUB, US
[72] GREEN, CHARLES, US
[71] SINGAMAS CONTAINER HOLDINGS (SHANGHAI), LTD., CN
[71] HUB CITY TERMINALS, INC., US
[71] G-P MOVES FREIGHT, LLC, US
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[54] **LINGETTE ANTIMICROBIENNE**
[72] GUNDLAPALLI, RAMARAO V., US
[72] SHEN, HONG, US
[72] THURMOND, KENNETH BRUCE, US
[72] VARGA, CHRISTOPHER, US
[71] CAREFUSION 2200, INC., US
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[54] **SYSTEM AND METHOD FOR PROTECTING A BATTERY DURING SUDDEN LOAD REDUCTION**
[54] **SYSTEME ET PROCEDE POUR PROTEGER UNE BATTERIE LORS D'UNE REDUCTION SOUDAINE DE LA CHARGE**
[72] POLAK, MENACHEM, IL
[72] MILER, YISRAEL, IL
[72] DANG-VAN NHAN, CHRISTOPHE, FR
[71] PHINERGY LTD., IL
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[54] **DETECTEUR MOBILE ET PROCEDES D'INSPECTION D'OBJETS DE TYPE TUBE ALLONGE DANS UN EQUIPEMENT**
[72] RUTTANASUPA, PAWIN, TH
[72] YANANONT, TERDSAK, TH
[72] UMPAWANWONG, SANTIPAP, TH
[72] PANDUM, PAISAL, TH
[72] SEANBUNSIRI, KANJANAS, TH
[71] RAYONG ENGINEERING AND PLANT SERVICE CO., LTD., TH
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[54] **ELEMENT DE CONSTRUCTION DESTINE A RELIER DES PARTIES THERMIQUEMENT ISOLEES D'UN BATIMENT**
[72] MICHIELS, PIERRE, BE
[72] REMY, OLIVIER, BE
[71] PLAKABETON S.A., BE
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[54] **VANNE D'EQUILIBRAGE THERMIQUE ET SYSTEME L'UTILISANT**
[72] WATTS, LUTHER JERRY, US
[71] ENERGX CONTROLS, INC., US
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[54] **METHODS FOR IMPROVING MILK PRODUCTION BY ADMINISTRATION OF MICROBIAL CONSORTIA**
[54] **PROCEDES POUR AMELIORER LA PRODUCTION DE LAIT PAR ADMINISTRATION DE CONSORTIUMS MICROBIENS**
[72] EMBREE, MALLORY, US
[72] PICKING, LUKE, US
[72] GOGUL, GRANT, US
[72] TARASOVA, JANNA, US
[71] ASCUS BIOSCIENCES, INC., US
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[25] EN
[54] **NOVEL COMPOUNDS WHICH ACTIVATE ESTROGEN RECEPTORS AND COMPOSITIONS AND METHODS OF USING THE SAME**
[54] **NOUVEAUX COMPOSES QUI ACTIVENT LES RECEPTEURS D'□STROGENE ET COMPOSITIONS ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] KATZENELLENBOGEN, JOHN, US
[72] KATZENELLENBOGEN, BENITA, US
[72] KIM, SUNG HOON, US
[72] MADAK-ERDOGAN, ZEYNEP, US
[72] SHAUL, PHILIP, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[71] THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER, US
[71] KATZENELLENBOGEN, JOHN, US
[71] KATZENELLENBOGEN, BENITA, US
[71] KIM, SUNG HOON, US
[71] MADAK-ERDOGAN, ZEYNEP, US
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[25] EN
[54] **TERMINAL SCHEDULING METHOD IN SATELLITE COMMUNICATION SYSTEM**
[54] **PROCEDE DE PROGRAMMATION DE TERMINAL DANS UN SYSTEME DE COMMUNICATION PAR SATELLITE**
[72] HALEY, DAVID VICTOR LAWRIE, AU
[72] GRANT, ALEXANDER JAMES, AU
[71] MYRIOTA PTY LTD, AU
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[54] **SUBSTITUTED THIOHYDANTOIN DERIVATIVES AS ANDROGEN RECEPTOR ANTAGONISTS**
[54] **UTILISATION DE DERIVES DE THIOHYDANTOIN SUBSTITUE EN TANT QU'ANTAGONISTES DES RECEPTEURS D'ANDROGENES**
[72] BIGNAN, GILLES, US
[72] CONNOLLY, PETER J., US
[72] HICKSON, IAN, US
[72] MEERPOEL, LIEVEN, BE
[72] PANDE, VINEET, BE
[72] ZHANG, ZHUMING, US
[72] BRANCH, JONATHAN, US
[72] ROCABOY, CHRISTIAN, ES
[72] TRABALON ESCOLAR, LUIS B., ES
[71] JANSSEN PHARMACEUTICA NV, BE
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[54] **COMPOSITIONS AND METHODS RELATED TO MULTIMODAL THERAPEUTIC CELL SYSTEMS FOR IMMUNE INDICATIONS**
[54] **COMPOSITIONS ET PROCEDES ASSOCIES A DES SYSTEMES CELLULAIRES THERAPEUTIQUES MULTIMODAUX POUR INDICATIONS IMMUNITAIRES**
[72] KAHVEJIAN, AVAK, US
[72] MATA-FINK, JORDI, US
[72] DEANS, ROBERT J., US
[72] CHEN, TIFFANY F., US
[72] ROUND, JOHN, US
[72] AFEYAN, NOUBAR B., US
[72] STRAIGHT NISSEN, TORBEN, US
[72] DOWDEN, NATHAN, US
[72] WICKHAM, TOM, US
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[54] **WATER BASED NANOPARTICLE DISPERSION**
[54] **DISPERSION DE NANOPARTICULES A BASE D'EAU**
[72] DILOYAN, GEORGE, US
[72] CHAUBAY, GIRIJA S., US
[72] DAS, DEBAPRIYA, US
[71] NANOTECH INDUSTRIAL SOLUTIONS, INC., US
[85] 2018-07-03
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[30] US (62/274,933) 2016-01-05

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[54] **SURGICAL GUIDANCE DEVICES, SYSTEMS AND METHODS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE GUIDAGE CHIRURGICAL**
[72] LONG, JERRY TIMOTHY, JR., US
[72] HARRAH, TIMOTHY PAUL, US
[72] CRAFT, BRANDON W., US
[72] STOKLEY, ELIZABETH A., US
[72] KOERNER, SEBASTIAN, DE
[72] SUBRAMANIAM, ANANT, US
[72] FEARIS, PAUL JAMES, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
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[54] **COMPOSITIONS AND FORMULATIONS INCLUDING CABAZITAXEL AND HUMAN SERUM ALBUMIN**
[54] **COMPOSITIONS ET FORMULATIONS COMPRENANT LE CABAZITAXEL ET DE L'ALBUMINE SERIQUE HUMAINE**
[72] SUN, QUN, US
[71] ZHUHAI BEIHAI BIOTECH CO., LTD., CN
[85] 2018-07-03
[86] 2017-01-12 (PCT/US2017/013194)
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[54] **INTEGRATED MAKE-UP AIR SYSTEM IN 100% AIR RECIRCULATION SYSTEM**
[54] **SYSTEME D'AIR D'APPOINT INTEGRE DANS UN SYSTEME DE RECIRCULATION D'AIR A 100 %**
[72] MOGHADDAM, DAVOOD GHADIRI, CA
[72] LEPOUDRE, PHILIP PAUL, CA
[72] GERBER, MANFRED, CA
[72] VIVIER, STEPHANE, CA
[71] NORTEK AIR SOLUTIONS CANADA, INC., CA
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[54] **SELF-CAPTURED DETENT MECHANISM**
[54] **MECANISME DE DETENTE INTEGRE**
[72] CURRY, BRETT, US
[71] SMITH & WESSON CORP., US
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[54] **METHOD FOR EVALUATING THE STATE OF HEALTH OF AN INDIVIDUAL**
[54] **PROCEDE D'EVALUATION DE L'ETAT DE SANTE D'UNE PERSONNE**
[72] BIAGI, ELENA, IT
[72] RAMPELLI, SIMONE, IT
[72] TURRONI, SILVIA, IT
[72] CASTAGNETTI, ANDREA, IT
[72] CANDELA, MARCO, IT
[71] WELLMICRO S.R.L., IT
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[54] **DISINFECTION CAP FOR IV NEEDLELESS CONNECTORS**
[54] **BOUCHON DE DESINFECTION POUR RACCORDS IV SANS AIGUILLE**
[72] RYAN, KEVIN M., US
[72] CHARLES, NICHOLA, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2018-07-03
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[54] **METHOD AND SYSTEM FOR AUTHENTICATION OF ELECTRONIC DOCUMENTS**
[54] **PROCEDE ET SYSTEME POUR UNE AUTHENTIFICATION DE DOCUMENTS ELECTRONIQUES**
[72] GARDNER, MICHAEL WALTER, CA
[72] RADISAVLJEVIC, GORAN, CA
[72] CHRISTIE, MICHAEL JOSEPH, CA
[71] AGREEMENT EXPRESS INC., CA
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[54] **SYSTEMS, METHODS, AND DEVICES FOR AN AUTOMOBILE DOOR OR WINDOW**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS POUR PORTE OU FENETRE D'AUTOMOBILE**
[72] MILTON, TREVOR R., US
[72] JENNES, STEVE, US
[72] SCHOLTEN, MARKUS, US
[71] BLUEGENTECH LLC, US
[85] 2018-07-03
[86] 2016-12-30 (PCT/US2016/069586)
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[54] **NOUVEAUX REACTIFS DE SILYLATION STABLES**
[72] TOUTOV, ANTON, US
[72] LIU, WENBO, CN
[72] SCHUMAN, DAVID P., US
[72] STOLTZ, BRIAN M., US
[72] GRUBBS, ROBERT H., US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
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[54] **TRACK FOR A VEHICLE**
[54] **CHENILLE POUR UN VEHICULE**
[72] DUMOULIN, OLIVIER, CA
[72] BEDARD, MAGELLA, CA
[72] HAMELIN, REMI, CA
[72] MARCOTTE, TOMMY, CA
[71] SOUCY INTERNATIONAL INC., CA
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[54] **POINT SWITCH, AND RAILWAY NETWORK COMPRISING AT LEAST ONE POINT SWITCH OF SAID TYPE**
[54] **MECANISME DE CHANGEMENT DE VOIE ET RESEAU FERROVIAIRE COMPRENANT AU MOINS UN TEL MECANISME DE CHANGEMENT DE VOIE**
[72] BAHMAN, RAMON ALEXANDER, CH
[72] BAHMAN, AURELIUS CHRISTIAN, CH
[72] BAHMAN, SEVERIN ALEXIS, CH
[71] SWISS TRANSPORTATION RESEARCH INSTITUTE AG, CH
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[54] **COMPOSITION BIOCIDE ET SON UTILISATION**
[72] SHIM, SANG HEA, US
[72] KIM, CHUNG SOO, KR
[71] JUSTEQ, LLC, US
[71] ACCULAB CO., LTD., KR
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[86] 2017-01-06 (PCT/US2017/012475)
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[54] **360-DEGREE LED LIGHT-EMITTING FLAME LAMP**
[54] **LAMPE A FLAMME EMETTRICE DE LUMIERE A DEL 360 DEGRES**
[72] WEI, NINGHUA, CN
[71] MUMEDIA PHOTOELECTRIC LIMITED, CN
[85] 2018-07-04
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[54] **ESTER OF AMINOGLYCAN AND USES THEREOF**
[54] **ESTER DE GLYCOSAMINOGLYCANE ET SON APPLICATION**
[72] HUANG, YONG, CN
[71] CHENGDU AULI ECOLOGICAL TECHNOLOGY DEVELOPMENT CO., LTD., CN
[85] 2018-07-04
[86] 2017-01-04 (PCT/CN2017/070181)
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[54] **SINGLE WELL CROSS STEAM AND GRAVITY DRAINAGE (SW-XSAGD)**
[54] **VAPOEXTRACTION CROISEE A PUITS UNIQUE (SW-XSAGD)**
[72] CHEN, QING, US
[72] MENARD, WENDELL P., US
[71] CONOCOPHILLIPS COMPANY, US
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[25] EN
[54] **CLASSIFICATION AND REGRESSION TREE ANALYSIS OF FORMATION REALIZATIONS**
[54] **ANALYSE DISCRIMINANTE PAR ARBRE DE DECISION BINAIRE DE REALISATIONS DE FORMATION**
[72] FEI, JIN, US
[72] YARUS, JEFFREY MARC, US
[72] CHAMBERS, RICHARD L., US
[72] WU, SHAOLONG, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **DEVICE AND METHOD FOR PRODUCING SILICON CARBIDE**
[54] **DISPOSITIF ET PROCEDE DE FABRICATION DE CARBURE DE SILICIUM**
[72] GREULICH-WEBER, SIEGMUND, DE
[71] UNIVERSITAT PADERBORN, DE
[85] 2018-07-04
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[54] **NOZZLE FOR SPRAYING AN INORGANIC MASS**
[54] **BUSE POUR LA PULVERISATION D'UNE MASSE INORGANIQUE**
[72] HAIDER, MATTHAUS, AT
[72] KLIKOVICH, MICHAEL, AT
[71] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
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[54] **METHOD TO PRODUCE INSULATING GLASS UNITS**
[54] **PROCEDE DE PRODUCTION D'UNITES DE VERRE D'ISOLATION**
[72] CHORINE, NICOLAS, BE
[72] BOUESNARD, OLIVIER, BE
[72] CUMPELIK, PAVEL, CZ
[71] AGC GLASS EUROPE, BE
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[25] EN
[54] **IN-LINE COATED WOOD-BASED BOARDS**
[54] **PANNEAUX DERIVES DU BOIS ENDUITS EN LIGNE**
[72] SCHRUL, CHRISTOPHER, CH
[72] HUNZIKER, PHILIPP, US
[71] OMYA INTERNATIONAL AG, CH
[85] 2018-07-04
[86] 2017-01-02 (PCT/EP2017/050001)
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[30] EP (16150612.6) 2016-01-08
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[54] **VACCINE STRAINS OF BRACHYSPIRA HYODYSENTERIAE**
[54] **SOUCHES VACCINALES DE BRACHYSPIRA HYODYSENTERIAE**
[72] MAHU, MAXIME, BE
[72] PASMANS, FRANK, BE
[72] BOYEN, FILIP, BE
[72] MARTEL, AN, BE
[72] HAESEBROUCK, FREDDY, BE
[72] ARNOUTS, SVEN, BE
[71] UNIVERSITEIT GENT, BE
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[54] **METHOD OF DYE CLEARING TEXTILES**
[54] **PROCEDE D'ENLEVEMENT DE TEINTURE DE TEXTILES**
[72] ELLIS, DAVID JOHN, GB
[72] BROWN, NICHOLAS, GB
[71] NIKWAX LIMITED, GB
[85] 2018-07-04
[86] 2017-01-04 (PCT/EP2017/050163)
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[54] **FABRIC AND FIBER PRODUCT**
[54] **PRODUIT DE TISSU ET DE FIBRE**
[72] OGATA, NOBUAKI, JP
[71] TEIJIN FRONTIER CO., LTD., JP
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[86] 2016-11-28 (PCT/JP2016/085102)
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[30] JP (2016-008817) 2016-01-20

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[25] EN
[54] **PORTABLE DATA CARRIER COMPRISING A RELIEF STRUCTURE**
[54] **SUPPORT DE DONNEES PORTATIF POURVU D'UN BOSSELAGE**
[72] RIEDL, JOSEF, DE
[71] GIESECKE+DEVRIENT MOBILE SECURITY GMBH, DE
[85] 2018-07-04
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[54] **SUTURES CHIRURGICALES D'AUGMENTATION DERMIQUE**
[72] AMIR, AVRAHAM, IL
[71] AMIR, AVRAHAM, IL
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[54] **RACCORD POUR ACCOUPLER DES PAROIS ANATOMIQUES**
[72] TUSETH, VEGARD, NO
[72] KEILLOR, MATTHEW, US
[72] HAARSTAD, PHILIP, US
[72] PATTERSON, SHAWN, NO
[71] NUHEART AS, NO
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[30] US (14/991,662) 2016-01-08
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[54] **APPARATUS FOR PROVIDING DIRECTIONAL CONTROL OF BORE DRILLING EQUIPMENT**
[54] **APPAREIL PERMETTANT D'ASSURER LA COMMANDE DIRECTIONNELLE D'UN EQUIPEMENT DE FORAGE**
[72] RUSSELL, MICHAEL KING, GB
[71] SLIP CLUTCH SYSTEMS LTD, GB
[85] 2018-07-04
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[54] **EMULSION EAU-DANS-HUILE**
[72] ABELS, CHRISTOPH, DE
[72] KNIE, ULRICH, DE
[71] DR. AUGUST WOLFF GMBH & CO. KG ARZNEIMITTEL, DE
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[51] **Int.Cl. B01D 61/18 (2006.01) B01D 61/20 (2006.01) C07K 1/34 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING SOLUTIONS OF BIOMOLECULES**
[54] **PROCEDE DE TRAITEMENT DE SOLUTIONS DE BIOMOLECULES**
[72] HEISE, CHARLES, GB
[72] NAGY, TIBOR, GB
[71] FUJIFILM DIOSYNTH BIOTECHNOLOGIES UK LIMITED, GB
[85] 2018-07-04
[86] 2016-12-19 (PCT/GB2016/053981)
[87] (WO2017/118836)
[30] GB (1600290.9) 2016-01-07

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[51] **Int.Cl. G05B 19/042 (2006.01) G06F 21/12 (2013.01)**
[25] EN
[54] **INDUSTRIAL CONTROL SYSTEM MANAGEMENT**
[54] **GESTION DE SYSTEME DE COMMANDE INDUSTRIEL**
[72] TRUSCHI, STEFANO, IT
[72] CASTELLI, VIRGINIA, IT
[72] SNICKARS, CARLO, IT
[71] NUOVO PIGNONE TECNOLOGIE SRL, IT
[85] 2018-07-04
[86] 2017-01-13 (PCT/EP2017/050719)
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[30] IT (102016000003460) 2016-01-15

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[51] **Int.Cl. A61K 31/519 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **TREATMENT OF HAND ECZEMA**
[54] **TRAITEMENT DE L'ECZEMA DES MAINS**
[72] WENNBERG, TERO, DK
[72] SORENSEN, ANDERS PER, DK
[71] LEO PHARMA A/S, DK
[85] 2018-07-04
[86] 2017-01-20 (PCT/EP2017/051133)
[87] (WO2017/125523)
[30] EP (16152215.6) 2016-01-21

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[51] **Int.Cl. H04R 1/10 (2006.01) H02G 11/00 (2006.01) H04M 1/15 (2006.01)**
[25] EN
[54] **SET OF HEADPHONES AND HEADPHONE CABLE**
[54] **ENSEMBLE DE CASQUES D'ECOUTE ET CABLE DE CASQUE D'ECOUTE**
[72] VENABLES, CARL, GB
[71] MIDBASS DISTRIBUTION LIMITED, GB
[85] 2018-07-04
[86] 2017-01-03 (PCT/GB2017/050003)
[87] (WO2017/118846)
[30] GB (1600086.1) 2016-01-04

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[51] **Int.Cl. C01B 3/02 (2006.01) C01B 3/38 (2006.01) C01B 3/48 (2006.01) C01C 1/04 (2006.01)**
[25] EN
[54] **ATR BASED AMMONIA PROCESS AND PLANT**
[54] **PROCEDE ET USINE DE PRODUCTION D'AMMONIAC A BASE DE REFORMAGE AUTOTHERMIQUE**
[72] DAHL, PER JUUL, DK
[72] KROLL JENSEN, ANNETTE E., DK
[72] SCHJODT, NIELS CHRISTIAN, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2018-07-04
[86] 2017-02-02 (PCT/EP2017/052247)
[87] (WO2017/134162)
[30] DK (PA 2016 70056) 2016-02-02

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[25] EN
[54] **HYDROGEN SULFIDE SCAVENGING ADDITIVE COMPOSITION AND METHOD OF USE THEREOF**
[54] **COMPOSITION D'ADDITIF DE FIXATION DE SULFURE D'HYDROGENE ET PROCEDE D'UTILISATION ASSOCIE**
[72] SUBRAMANIYAM, MAHESH, IN
[71] DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED, IN
[85] 2018-07-04
[86] 2016-12-26 (PCT/IB2016/058008)
[87] (WO2017/118896)
[30] IN (201621000398) 2016-01-05

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[51] **Int.Cl. C07D 519/00 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PYRROLOBENZODIAZEPINE CONJUGATES**
[54] **CONJUGUES DE PYRROLOBENZODIAZEPINE**
[72] HOWARD, PHILIP WILSON, GB
[72] MASTERSON, LUKE, GB
[71] MEDIMMUNE LIMITED, GB
[85] 2018-07-04
[86] 2017-02-10 (PCT/EP2017/052990)
[87] (WO2017/137555)
[30] GB (1602359.0) 2016-02-10

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[51] **Int.Cl. A61K 47/68 (2017.01) A61K 47/65 (2017.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PYRROLOBENZODIAZEPINE CONJUGATES**
[54] **CONJUGUES DE PYRROLOBENZODIAZEPINE**
[72] HOWARD, PHILIP WILSON, GB
[72] DUNNY, ELIZABETH, GB
[72] MASTERSON, LUKE, GB
[71] MEDIMMUNE LIMITED, GB
[85] 2018-07-04
[86] 2017-02-10 (PCT/EP2017/052988)
[87] (WO2017/137553)
[30] GB (1602356.6) 2016-02-10

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[13] A1
[51] **Int.Cl. C25D 9/10 (2006.01) C25D 9/12 (2006.01) F01N 3/28 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A CORROSION RESISTANT METAL SUBSTRATE AND CORROSION RESISTANT METAL SUBSTRATE PROVIDED THEREBY**
[54] **PROCEDE DE PRODUCTION D'UN SUBSTRAT METALLIQUE RESISTANT A LA CORROSION ET SUBSTRAT METALLIQUE RESISTANT A LA CORROSION PRODUIT PAR CELUI-CI**
[72] BORISCH, ANNETTE, NL
[72] SCHMITZ, PHILIP, NL
[72] FLECHTNER, KEN-DOMINIC, NL
[72] SCHWAGEREIT, MARTIN, NL
[71] HILLE & MULLER GMBH, DE
[85] 2018-07-04
[86] 2017-01-08 (PCT/EP2017/050291)
[87] (WO2017/118751)
[30] EP (EP16150383.4) 2016-01-07

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[13] A1
[51] **Int.Cl. B28B 13/02 (2006.01) B65G 35/04 (2006.01) B65G 65/42 (2006.01)**
[25] EN
[54] **DISPENSER FOR MIXES**
[54] **DISTRIBUTEUR DE MELANGES**
[72] TONCELLI, LUCA, IT
[72] LUISON, ANGELO, IT
[72] LUISON, GIULIANO, IT
[71] BRETON SPA, IT
[85] 2018-07-04
[86] 2016-12-28 (PCT/IB2016/058051)
[87] (WO2017/118901)
[30] IT (102016000000154) 2016-01-04

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[13] A1
[51] **Int.Cl. D21F 7/08 (2006.01) D21F 7/10 (2006.01)**
[25] EN
[54] **BASE FABRIC, PRESS FELT AND METHOD OF FORMING BASE FABRIC WITH SEAM**
[54] **TISSU DE BASE, FEUTRE PRESSE ET PROCEDE DE FORMATION D'UN TISSU DE BASE A COUTURE**
[72] MIKKONEN, KATI, FI
[72] NAAMANKA, JORMA, FI
[71] VALMET TECHNOLOGIES OY, FI
[85] 2018-07-04
[86] 2017-01-25 (PCT/FI2017/050038)
[87] (WO2017/134339)
[30] FI (20165065) 2016-02-01

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[13] A1
[51] **Int.Cl. A61L 2/025 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR DAMAGING PARASITES USING ULTRASONIC REFLECTION**
[54] **DISPOSITIF ET PROCEDE POUR LUTTER CONTRE DES PARASITES PAR REFLEXION ULTRASONORE**
[72] COHEN, MOR MIRI, IL
[72] YALOM, JONATHAN, IL
[72] KARDOSH, MICHAEL, IL
[71] PARASONIC LTD., IL
[85] 2018-07-04
[86] 2017-01-05 (PCT/IL2017/050018)
[87] (WO2017/118984)
[30] US (62/275,264) 2016-01-06

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[51] **Int.Cl. D06N 7/00 (2006.01) C08G 18/62 (2006.01) C08G 18/69 (2006.01) D06N 3/14 (2006.01) E01C 13/08 (2006.01)**
[25] EN
[54] **USING A POLYOL MIXTURE COMPRISING PBD FOR CREATING A PU-BASED ARTIFICIAL TURF**
[54] **UTILISATION D'UN MELANGE DE POLYOLS COMPRENANT DU PBD POUR CREER UN GAZON ARTIFICIEL A BASE DE PU**
[72] SICK, STEPHAN, DE
[72] LUCCARELLI, FRANK, US
[72] HINRICHS, AXEL, US
[72] SCHULZE-ISING, ANDREAS, US
[72] HENSON, MATTHEW LEE, US
[72] LANDS, CHAD D., US
[72] TIDWELL, ERIN ANDERSON, US
[72] CALHOUN, DAVID, US
[71] ADVANCED POLYMER TECHNOLOGY CORP., US
[71] SYNTHETIC TURF RESOURCES CORP., US
[85] 2018-07-04
[86] 2017-03-17 (PCT/EP2017/056442)
[87] (WO2017/158183)
[30] EP (16161220.5) 2016-03-18
[30] US (15/074,136) 2016-03-18

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[51] **Int.Cl. B01J 35/02 (2006.01) B01D 53/86 (2006.01) B01J 21/08 (2006.01) B01J 21/12 (2006.01) B01J 23/40 (2006.01) B01J 23/42 (2006.01) B01J 37/02 (2006.01) B01J 37/08 (2006.01)**
[25] EN
[54] **DIESEL OXIDATION CATALYST COMPRISING PLATINUM GROUP METAL NANOPARTICLES**
[54] **CATALYSEUR D'OXYDATION DE DIESEL COMPRENANT DES NANOPARTICULES DE METAL DU GROUPE PLATINE**
[72] WEI, XINYI, US
[72] XU, XIAOMING, US
[72] ROTH, STANLEY, US
[71] BASF CORPORATION, US
[85] 2018-07-04
[86] 2017-01-05 (PCT/IB2017/050039)
[87] (WO2017/118932)
[30] US (62/275,434) 2016-01-06

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[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01) A24F 47/00 (2006.01) A61M 11/04 (2006.01)**
[25] EN
[54] **PERSONAL VAPORIZING DEVICE**
[54] **DISPOSITIF PERSONNEL DE VAPORISATION**
[72] DAVIDSON, PERRY, IL
[72] SCHWARTZ, BINYAMIN, IL
[72] SCHORR, AARON, IL
[72] RESHEF, NIMROD, IL
[72] OREN, ERAN, IL
[72] KATZNELSON, BE'ERI, IL
[71] SYQE MEDICAL LTD., IL
[85] 2018-07-04
[86] 2017-01-11 (PCT/IL2017/050030)
[87] (WO2017/122196)
[30] US (62/277,060) 2016-01-11

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[13] A1
[51] **Int.Cl. C07D 251/60 (2006.01) C07C 273/12 (2006.01)**
[25] EN
[54] **METHOD FOR REVAMPING A HIGH PRESSURE MELAMINE PLANT**
[54] **PROCEDE DE MODERNISATION D'INSTALLATION DE PRODUCTION DE MELAMINE SOUS HAUTE PRESSION**
[72] DI CARLO, GABRIELE, CH
[72] SCOTTO, ANDREA, CH
[72] GAMBA, SIMONE, IT
[71] CASALE SA, CH
[85] 2018-07-04
[86] 2017-01-25 (PCT/EP2017/051478)
[87] (WO2017/140465)
[30] EP (16156505.6) 2016-02-19

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[51] **Int.Cl. C07D 231/14 (2006.01) C07C 251/72 (2006.01)**
[25] EN
[54] **CATALYTIC HYDROGENATION PROCESS FOR PREPARING PYRAZOLES**
[54] **PROCEDE D'HYDROGENATION CATALYTIQUE POUR LA PREPARATION DE PYRAZOLES**
[72] RACK, MICHAEL, DE
[72] SOERGEL, SEBASTIAN, DE
[72] GOCKEL, BIRGIT, DE
[72] GOETZ, ROLAND, DE
[72] KLAUBER, ERIC GEORGE, US
[71] BASF SE, DE
[85] 2018-07-04
[86] 2017-01-25 (PCT/EP2017/051524)
[87] (WO2017/133942)
[30] EP (16153833.5) 2016-02-02

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[51] **Int.Cl. C12N 1/21 (2006.01) C12N 1/22 (2006.01) C12N 9/28 (2006.01) C12N 9/42 (2006.01) C12N 15/31 (2006.01) C12N 15/56 (2006.01) C12N 15/74 (2006.01)**
[25] EN
[54] **LACTIC ACID-UTILIZING BACTERIA GENETICALLY MODIFIED TO SECRETE POLYSACCHARIDE-DEGRADING ENZYMES**
[54] **BACTERIES UTILISANT DE L'ACIDE LACTIQUE, GENETIQUEMENT MODIFIEES POUR SECRETER DES ENZYMES DEGRADANT LES POLYSACCHARIDES**
[72] SHAPIRA, TAL, IL
[72] ORANIM, AMIR, IL
[71] 3PLW LTD., IL
[85] 2018-07-04
[86] 2017-01-11 (PCT/IL2017/050031)
[87] (WO2017/122197)
[30] US (62/276,985) 2016-01-11

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[51] **Int.Cl. G05B 11/01 (2006.01) G05B 15/02 (2006.01) G06F 3/041 (2006.01) H04L 12/28 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **MULTIPLE INPUT TOUCH CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE TACTILE A ENTREES MULTIPLES**
[72] O'DRISCOLL, DAVID, AU
[72] CARTER, TRENT, AU
[71] BRIGHTGREEN PTY LTD, AU
[85] 2018-07-04
[86] 2017-01-03 (PCT/IB2017/050006)
[87] (WO2017/118917)
[30] AU (2016900008) 2016-01-04

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[13] A1
[51] **Int.Cl. A61K 38/16 (2006.01) A61K 9/00 (2006.01)**
[25] EN
[54] **AN ANTIBACTERIAL COMPOSITION AND A METHOD OF TREATING STAPHYLOCOCCAL INFECTIONS WITH THE ANTIBACTERIAL COMPOSITION**
[54] **COMPOSITION ANTIBACTERIENNE ET METHODE DE TRAITEMENT D'INFECTIONS A STAPHYLOCOQUES A L'AIDE DE LA COMPOSITION ANTIBACTERIENNE**
[72] YOON, SEONG JUN, KR
[72] JUN, SOO YOUN, KR
[72] JUNG, GI MO, KR
[72] KANG, SANG HYEON, KR
[71] INTRON BIOTECHNOLOGY, INC., KR
[85] 2018-07-04
[86] 2017-01-09 (PCT/IB2017/050087)
[87] (WO2017/122111)
[30] US (62/277,506) 2016-01-12

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[51] **Int.Cl. A61K 9/19 (2006.01) A61K 38/16 (2006.01) A61K 47/10 (2017.01) A61K 47/18 (2017.01) A61K 47/26 (2006.01)**
[25] EN
[54] **FREEZE-DRIED FORMULATIONS OF ANTIBACTERIAL PROTEIN**
[54] **FORMULATIONS LYOPHILISEES DE PROTEINE ANTIBACTERIENNE**
[72] YOON, SEONG JUN, KR
[72] JUN, SOO YOUN, KR
[72] JUNG, GI MO, KR
[72] KANG, SANG HYEON, KR
[71] INTRON BIOTECHNOLOGY, INC., KR
[85] 2018-07-04
[86] 2017-01-09 (PCT/IB2017/050091)
[87] (WO2017/122114)
[30] US (62/277,588) 2016-01-12

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[13] A1
[51] **Int.Cl. G01N 33/00 (2006.01)**
[25] EN
[54] **BIO-ANALYTICAL METHOD FOR INSULIN ANALOGUES**
[54] **PROCEDE BIOANALYTIQUE POUR ANALOGUES D'INSULINE**
[72] BUDDHA, MADHAVAN, IN
[72] PATALE, MUKESH B., IN
[72] KHEDKAR, ANAND, IN
[72] TAGORE, RANITENDRANATH, IN
[72] MCDONALD, SEBASTIAN ALASTAIR, GB
[71] BIOCON LIMITED, IN
[85] 2018-07-04
[86] 2017-01-20 (PCT/IB2017/050303)
[87] (WO2017/125885)
[30] IN (201641002615) 2016-01-23

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[13] A1
[51] **Int.Cl. G06N 3/02 (2006.01) G06F 17/30 (2006.01) G06N 3/12 (2006.01) G06N 5/00 (2006.01)**
[25] EN
[54] **WEBINTERFACE GENERATION AND TESTING USING ARTIFICIAL NEURAL NETWORKS**
[54] **GENERATION ET TEST D'INTERFACE WEB AU MOYEN DE RESEAUX NEURONAUX ARTIFICIELS**
[72] MIIKKULAINEN, RISTO, US
[72] ISCOE, NEIL, US
[71] SENTIENT TECHNOLOGIES (BARBADOS) LIMITED, BB
[85] 2018-07-04
[86] 2017-01-05 (PCT/IB2017/050044)
[87] (WO2017/118937)
[30] US (62/275,058) 2016-01-05
[30] US (62/275,074) 2016-01-05

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/70 (2006.01)**
[25] EN
[54] **OROMUCOSAL NANOFIBER CARRIERS FOR THERAPEUTIC TREATMENT**
[54] **SUPPORTS NANOFIBREUX OROMUMUQUEUX POUR TRAITEMENT THERAPEUTIQUE**
[72] STRANSKA, DENISA, CZ
[72] SVOBODOVA, JANA, CZ
[72] BERKA, PAVEL, CZ
[72] DOLEZAL, PAVEL, CZ
[71] INSTAR TECHNOLOGIES A.S., CZ
[85] 2018-07-04
[86] 2017-01-27 (PCT/IB2017/050428)
[87] (WO2017/130141)
[30] US (62/287,863) 2016-01-27
[30] US (62/439,324) 2016-12-27

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[13] A1
[51] **Int.Cl. F28F 7/02 (2006.01) F28D 7/00 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR**
[72] BRUCATO, ALBERTO, IT
[72] CAPUTO, GIUSEPPE, IT
[72] TUMMINELLI, GIANLUCA, IT
[72] TUZZOLINO, GAETANO, IT
[72] GATTUSO, CALOGERO, IT
[72] RIZZO, ROBERTO, IT
[71] ARCHIMEDE S.R.L., IT
[85] 2018-07-04
[86] 2017-01-27 (PCT/IB2017/050445)
[87] (WO2017/130149)
[30] IT (102016000009566) 2016-01-29

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[13] A1
[51] **Int.Cl. C07C 225/22 (2006.01) C07C 233/33 (2006.01) C07C 235/84 (2006.01)**
[25] EN
[54] **UV/VISIBLE-ABSORBING VINYLIC MONOMERS AND USES THEREOF**
[54] **MONOMERES VINYLIQUES ABSORBANT LES UV ET LA LUMIERE VISIBLE, ET LEURS UTILISATIONS**
[72] HOLLAND, TROY VERNON, US
[72] CHANG, FRANK, US
[72] LAREDO, WALTER R., US
[72] JIANG, XUWEI, US
[72] DESOUSA, RYAN, US
[71] NOVARTIS AG, CH
[85] 2018-07-04
[86] 2017-02-16 (PCT/IB2017/050873)
[87] (WO2017/145022)
[30] US (62/298,124) 2016-02-22

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[13] A1
[51] **Int.Cl. C30B 29/38 (2006.01)**
[25] EN
[54] **ALUMINUM NITRIDE SINGLE CRYSTAL**
[54] **MONOCRISTAL DE NITRURE D'ALUMINIUM**
[72] IWASAKI, YOSUKE, JP
[72] NAKAMURA, KEIICHIRO, JP
[71] JFE MINERAL COMPANY, LTD, JP
[85] 2018-07-04
[86] 2016-12-21 (PCT/JP2016/088193)
[87] (WO2017/119305)
[30] JP (2016-001732) 2016-01-07

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[13] A1
[51] **Int.Cl. B01J 13/14 (2006.01) A01N 25/28 (2006.01)**
[25] EN
[54] **MICROCAPSULES AND PROCESS FOR PREPARATION OF MICROCAPSULES**
[54] **MICROCAPSULES ET PROCEDE DE PREPARATION DE MICROCAPSULES**
[72] BURAKOWSKA-MEISE, EWELINA, DE
[72] WITTELER, HELMUT, DE
[72] BAUER, VOLKER, DE
[72] HUEFFER, STEPHAN, DE
[72] SPANGENBERG, OLIVER, DE
[72] FISCHER, STEFAN, DE
[72] NIELSEN, JESPER DUUS, DE
[72] JENEWEIN, STEFAN, DE
[72] GARCIA MARCOS, ALEJANDRA, DE
[72] CETINKAYA, MURAT, NL
[71] BASF SE, DE
[85] 2018-07-04
[86] 2017-02-02 (PCT/EP2017/052187)
[87] (WO2017/137294)
[30] EP (16155470.4) 2016-02-12

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[51] **Int.Cl. C12N 15/63 (2006.01) C12N 9/10 (2006.01) C12N 9/18 (2006.01) C12P 7/64 (2006.01) C12P 19/04 (2006.01)**
[25] EN
[54] **BACTERIUM PRODUCING MONOPHOSPHORYL LIPID A AND METHOD OF PRODUCING MONOPHOSPHORYL LIPID A BY USING BACTERIUM**
[54] **BACTERIE PRODUISANT UN MONOPHOSPHORYL LIPIDE A ET PROCEDE DE PRODUCTION D'UN MONOPHOSPHORYL LIPIDE A EN UTILISANT LA BACTERIE**
[72] CHUNG, HAK SUK, KR
[72] YANG, EUN GYEONG, KR
[72] HWANG, DOHYEON, KR
[71] KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY, KR
[85] 2018-07-04
[86] 2016-12-16 (PCT/KR2016/014761)
[87] (WO2017/119628)
[30] KR (10-2016-0001708) 2016-01-06

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[13] A1
[51] **Int.Cl. G02B 1/04 (2006.01)**
[25] EN
[54] **SOFT SILICONE MEDICAL DEVICES**
[54] **DISPOSITIFS MEDICAUX EN SILICONE SOUPLE**
[72] CHANG, FRANK, US
[72] HOLLAND, TROY VERNON, US
[72] QIAN, XINMING, US
[72] SCOTT, ROBERT, US
[72] LINDACHER, JOSEPH MICHAEL, US
[72] HAKEN, UWE, US
[71] NOVARTIS AG, CH
[85] 2018-07-04
[86] 2017-02-16 (PCT/IB2017/050874)
[87] (WO2017/145023)
[30] US (62/298,127) 2016-02-22

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[13] A1
[51] **Int.Cl. B05B 11/00 (2006.01) B65D 83/20 (2006.01) B65D 83/22 (2006.01) B65D 83/30 (2006.01)**
[25] EN
[54] **DISPENSER WITH ARTICULATED DISPENSING TUBE**
[54] **DISTRIBUTEUR AVEC TUBE DE DISTRIBUTION ARTICULE**
[72] MASCIAMBRUNI, ROBERTO, IT
[71] AZIENDE CHIMICHE RIUNITE ANGELINI FRANCESCO A.C.R.A.F.S.P.A., IT
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[51] **Int.Cl. F04C 14/00 (2006.01) F04C 2/344 (2006.01) F04C 14/10 (2006.01)**
[25] EN
[54] **PUMP WITH CONTROL SYSTEM INCLUDING A CONTROL SYSTEM FOR DIRECTING DELIVERY OF PRESSURIZED LUBRICANT**
[54] **POMPE AVEC SYSTEME DE COMMANDE COMPRENANT UN SYSTEME DE COMMANDE POUR DIRIGER L'APPORT DE LUBRIFIANT SOUS PRESSION**
[72] MORTON, PAUL, CA
[71] STACKPOLE INTERNATIONAL ENGINEERED PRODUCTS, LTD., CA
[85] 2018-07-04
[86] 2017-05-11 (PCT/IB2017/052776)
[87] (WO2017/195150)
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[25] EN
[54] **A COMPOSITION COMPRISING A LACTIC ACID BACTERIA FOR PREVENTING AND TREATING VAGINOSIS AND THE USE THEREOF**
[54] **COMPOSITION COMPRENANT UNE BACTERIE LACTIQUE POUR LA PREVENTION ET LE TRAITEMENT DE LA VAGINOSE ET SON UTILISATION**
[72] CHOI, WON SEOG, KR
[72] LEE, MOO HYUNG, KR
[71] HAUDONGCHUN CO., LTD, KR
[85] 2018-07-04
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[30] KR (10-2016-0057017) 2016-05-10
[30] KR (10-2016-0115716) 2016-09-08

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[54] **SCREENING FOR STRUCTURAL VARIANTS**
[54] **CRIBLAGE DE VARIANTS STRUCTURAUX**
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[72] UMBARGER, MARK, US
[71] GOOD START GENETICS, INC., US
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[87] (WO2016/112073)
[30] US (62/100,254) 2015-01-06

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[51] **Int.Cl. G01N 1/22 (2006.01)**
[25] EN
[54] **DEVICE FOR USE WITH MEASURING SOIL GAS AND METHOD OF USE**
[54] **DISPOSITIF DE MESURE DE GAZ DU SOL ET PROCEDE D'UTILISATION**
[72] COX, CRAIG A., US
[71] COX-COLVIN & ASSOCIATES, INC., US
[85] 2018-07-04
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[54] **ARABINANASE AND USES THEREOF**
[54] **ARABINANASE ET SES UTILISATIONS**
[72] HANREICH, ANGELIKA, DE
[72] PHEIFFER, JOACHIM, DE
[72] WORCH, SEBASTIAN, DE
[72] KUNZE, GOTTHARD, DE
[72] SCHWALENBERG, TOBIAS, DE
[72] PATZ, REINHARD, DE
[71] BIOPRACT GMBH, DE
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[51] **Int.Cl. C12P 21/00 (2006.01)**
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[54] **EXTRACELLULAR VESICLES FOR AGENT DELIVERY**
[54] **VESICULES EXTRACELLULAIRES POUR L'ADMINISTRATION D'UN AGENT**
[72] SELARU, FLORIN M., US
[72] LI, LING, US
[72] GOULD, STEPHEN J., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2018-07-04
[86] 2016-01-29 (PCT/US2016/015791)
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[30] US (62/109,764) 2015-01-30
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[51] **Int.Cl. E21B 10/42 (2006.01) E21B 10/08 (2006.01) E21B 10/43 (2006.01)**
[25] EN
[54] **HYBRID DRILL BIT WITH AXIALLY ADJUSTABLE COUNTER-ROTATION CUTTERS IN CENTER**
[54] **TREPAN HYBRIDE A ELEMENTS DE COUPE A CONTRE-ROTATION REGLABLES DANS UN SENS AXIAL**
[72] GROSZ, GREGORY CHRISTOPHER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-07-04
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[51] **Int.Cl. B32B 27/08 (2006.01) B32B 1/08 (2006.01) B32B 3/26 (2006.01) B32B 27/20 (2006.01) B32B 27/30 (2006.01) B32B 27/32 (2006.01) B32B 27/36 (2006.01)**
[25] EN
[54] **LIGHT-TIGHT SHRINK WRAPPING FILM**
[54] **FILM RETRACTABLE ETANCHE A LA LUMIERE**
[72] SCHURR, MANUEL, DE
[72] DUX, CHRISTIAN, DE
[72] DEIRINGER, GUNTHER, DE
[71] KLOCKNER PENTAPLAST EUROPE GMBH & CO. KG, DE
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[51] **Int.Cl. C12Q 1/26 (2006.01) C07C 13/16 (2006.01) C12Q 1/66 (2006.01)**
[25] EN
[54] **METHOD AND REAGENTS FOR DETECTING LUCIFERASE ACTIVITY**
[54] **PROCEDE ET REACTIFS POUR DETECTER L'ACTIVITE DE LA LUCIFERASE**
[72] YAMPOL'SKIY, IL'YA VIKTOROVICH, RU
[72] PETUSHKOV, VALENTIN NIKOLAEVICH, RU
[72] PURTOV, KONSTANTIN VIKTOROVICH, RU
[72] RODIONOVA, NATAL'YA SERGEEVNA, RU
[72] BARANOV, MIKHAIL SERGEEVICH, RU
[71] OBSCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "PLANTA", RU
[85] 2018-07-04
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[30] RU (2015106305) 2015-02-25

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[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MANAGING A TRANSPORTATION PLAN**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE GERER UN PLAN DE TRANSPORT**
[72] MOHR, DOUGLAS K., US
[72] CELMER, ANTHONY MICHAEL, US
[72] MCGOWAN, KRISTINA M., US
[72] WARE, KEITH ALAN, US
[72] MURPHY, JAMES, US
[72] CHENG, CHI-YIN, US
[72] MITCHELL, LEE ANTHONY, US
[72] MYERS, JESSICA, US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2018-07-04
[86] 2016-10-12 (PCT/US2016/056501)
[87] (WO2017/136006)
[30] US (15/016,889) 2016-02-05
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[51] **Int.Cl. G01N 33/567 (2006.01) G01N 33/483 (2006.01)**
[25] EN
[54] **IGG SUBTYPING ASSAY FOR IDENTIFYING TRANSPLANTABLE TISSUE SAMPLES**
[54] **TEST DE SOUS-TYPAGE D'IGG POUR DETERMINER LA TRANSPLANTABILITE DE PRELEVEMENTS TISSULAIRES**
[72] RAO, PRAKASH, US
[71] NJ SHARING NETWORK, US
[85] 2018-07-04
[86] 2016-12-05 (PCT/US2016/064933)
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[51] **Int.Cl. A63B 43/06 (2006.01) A01K 15/00 (2006.01) A01K 15/02 (2006.01) A63B 39/00 (2006.01) A63B 41/08 (2006.01) A63B 43/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A LIGHT-UP OBJECT WITH ENHANCED FEATURES FOR ANIMALS**
[54] **SYSTEMES ET PROCEDES POUR UN OBJET LUMINEUX AVEC CARACTERISTIQUES AMELIOREES POUR ANIMAUX**
[72] ORMSBEE, BOWDEN, US
[72] STEVENS, REX W., US
[71] NITE IZE, INC., US
[85] 2018-07-04
[86] 2017-01-04 (PCT/US2017/012189)
[87] (WO2017/120237)
[30] US (62/275,104) 2016-01-05

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[51] **Int.Cl. H05K 3/34 (2006.01) H01L 23/31 (2006.01) H05K 1/03 (2006.01) H05K 1/11 (2006.01) H05K 3/00 (2006.01)**
[25] EN
[54] **OPEN-PASSIVATION BALL GRID ARRAY PADS**
[54] **PLAGES DE CONNEXION DE BOITIERS MATRICIELS A BILLES A PASSIVATION OUVERTE**
[72] KIM, DAEIK DANIEL, US
[72] VELEZ, MARIO FRANCISCO, US
[72] YUN, CHANGHAN HOBIE, US
[72] ZUO, CHENGJIE, US
[72] BERDY, DAVID FRANCIS, US
[72] KIM, JONGHAE, US
[72] MUDAKATTE, NIRANJAN SUNIL, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-07-04
[86] 2016-12-21 (PCT/US2016/068033)
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[30] US (62/289,636) 2016-02-01
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[51] **Int.Cl. C25B 15/02 (2006.01) C25B 1/12 (2006.01) C25B 15/08 (2006.01)**
[25] FR
[54] **SYSTEM FOR PRODUCING DIHYDROGEN, AND ASSOCIATED METHOD**
[54] **SYSTEME DE PRODUCTION DE DIHYDROGENE, ET PROCEDE ASSOCIE**
[72] COLOMAR, DAVID, FR
[71] ELECTRICITE DE FRANCE, FR
[85] 2018-07-03
[86] 2017-01-04 (PCT/FR2017/050017)
[87] (WO2017/118812)
[30] FR (1650007) 2016-01-04

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[51] **Int.Cl. A01K 5/00 (2006.01) A01K 5/01 (2006.01) A01K 7/00 (2006.01)**
[25] EN
[54] **TRAVELING FEEDING APPARATUS**
[54] **APPAREIL DE VOYAGE DESTINE A L'ALIMENTATION DES ANIMAUX**
[72] ABBEY, ERIC, US
[72] STONE, JOHN JAMES, US
[71] LOVING PETS CORPORATION, US
[71] GRAVITY PRODUCT DEVELOPMENT, LLC, US
[85] 2018-07-04
[86] 2017-01-04 (PCT/US2017/012212)
[87] (WO2017/120255)
[30] US (14/987,092) 2016-01-04

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[51] **Int.Cl. F01D 5/08 (2006.01) F01D 21/00 (2006.01) G01L 3/10 (2006.01) G01L 3/12 (2006.01)**
[25] FR
[54] **TWISTING TORQUE SENSOR**
[54] **COUPLEMETRE A TORSION**
[72] RENAULT, LIONEL, FR
[71] SAFRAN HELICOPTER ENGINES, FR
[85] 2018-07-03
[86] 2017-01-17 (PCT/FR2017/050093)
[87] (WO2017/125671)
[30] FR (1650431) 2016-01-20

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 19/04 (2006.01) C07K 16/40 (2006.01)**
[25] EN
[54] **METHODS FOR INHIBITING FIBROSIS IN A SUBJECT IN NEED THEREOF**
[54] **METHODES D'INHIBITION D'UNE FIBROSE CHEZ UN SUJET AYANT BESOIN D'UN TEL TRAITEMENT**
[72] BRUNSKILL, NIGEL JOHN, GB
[72] DEMOPULOS, GREGORY A., US
[72] DUDLER, THOMAS, US
[72] SCHWAEBLE, HANS-WILHELM, GB
[71] UNIVERSITY OF LEICESTER, GB
[71] OMEROS CORPORATION, US
[85] 2018-07-04
[86] 2017-01-05 (PCT/US2017/012345)
[87] (WO2017/120344)
[30] US (62/275,025) 2016-01-05
[30] US (62/407,979) 2016-10-13

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[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 10/06 (2012.01) G06Q 30/04 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF CONSOLIDATING PRODUCT ORDERS**
[54] **SYSTEMES ET PROCEDES DE GROUPAGE DE COMMANDES DE PRODUITS**
[72] HIGH, DONALD R., US
[72] ATCHLEY, MICHAEL D., US
[71] WALMART APOLLO, LLC, US
[85] 2018-07-04
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[87] (WO2017/120281)
[30] US (62/275,886) 2016-01-07

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[51] **Int.Cl. B32B 3/00 (2006.01) B32B 5/28 (2006.01) C08K 3/40 (2006.01)**
[25] EN
[54] **PREPREGS, CORES AND COMPOSITE ARTICLES INCLUDING SYNERGISTIC AND COMPOUNDED FLAME RETARDANT MATERIALS**
[54] **PRE-IMPREGNES, NOYAUX ET ARTICLES COMPOSITES COMPRENANT DES MATERIAUX IGNIFUGES SYNERGIQUES ET COMPOSES**
[72] YU, ZINIU, US
[72] WANG, RUOMIAO, US
[72] YANG, YANKAI, US
[72] MASON, MARK O., US
[71] HANWHA AZDEL, INC., US
[85] 2018-07-04
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[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 15/16 (2006.01) G06F 17/30 (2006.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF FULFILLING PRODUCT ORDERS**
[54] **SYSTEMES ET PROCEDES DE SATISFACTION DE COMMANDES DE PRODUIT**
[72] HIGH, DONALD R., US
[72] ANTEL, NICHOLAS R., US
[72] ATCHLEY, MICHAEL D., US
[71] WALMART APOLLO, LLC, US
[85] 2018-07-04
[86] 2017-01-06 (PCT/US2017/012451)
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[30] US (62/275,871) 2016-01-07

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[51] **Int.Cl. G01S 19/05 (2010.01) G01S 19/13 (2010.01) G01S 19/42 (2010.01) G06Q 10/08 (2012.01) G06T 15/20 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF ASSISTING IN THE DELIVERY OF PRODUCTS**
[54] **SYSTEMES ET PROCEDES D'AIDE A LA LIVRAISON DE PRODUITS**
[72] HIGH, DONALD R., US
[72] ATCHLEY, MICHAEL D., US
[71] WALMART APOLLO, LLC, US
[85] 2018-07-04
[86] 2017-01-05 (PCT/US2017/012268)
[87] (WO2017/120290)
[30] US (62/275,891) 2016-01-07

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[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01)**
[25] EN
[54] **MODULATION OF AFUCOSYLATED SPECIES IN A MONOCLONAL ANTIBODY COMPOSITION**
[54] **MODULATION D'ESPECES AFUCOSYLEES DANS UNE COMPOSITION D'ANTICORPS MONOCLONAL**
[72] SANTORO, MARC, US
[72] JOSE, KEVIN JOHN, US
[72] MADABHUSHI, SRI, US
[72] GANGLOFF, SCOTT, US
[71] ONCOBIOLOGICS, INC., US
[85] 2018-07-04
[86] 2017-01-05 (PCT/US2017/012349)
[87] (WO2017/120347)
[30] US (62/275,384) 2016-01-06

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[13] A1
[51] **Int.Cl. A61K 38/07 (2006.01) C07K 5/10 (2006.01) C07K 5/11 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE PREVENTION AND TREATMENT OF DUCHENNE MUSCULAR DYSTROPHY**
[54] **METHODES ET COMPOSITIONS POUR LA PREVENTION ET LE TRAITEMENT D'UNE DYSTROPHIE MUSCULAIRE DE DUCHENNE**
[72] WILSON, D. TRAVIS, US
[71] WILSON, D. TRAVIS, US
[85] 2018-07-04
[86] 2017-01-06 (PCT/US2017/012532)
[87] (WO2017/120470)
[30] US (62/275,369) 2016-01-06

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[13] A1
[51] **Int.Cl. C07K 16/24 (2006.01)**
[25] EN
[54] **REDUCTION OF HIGH MOLECULAR WEIGHT SPECIES, ACIDIC CHARGE SPECIES, AND FRAGMENTS IN A MONOCLONAL ANTIBODY COMPOSITION**
[54] **REDUCTION DES ESPECES DE MASSE MOLECULAIRE ELEVEE, DES ESPECES DE CHARGE ACIDE, ET DES FRAGMENTS DANS UNE COMPOSITION D'ANTICORPS MONOCLONAUX**
[72] SANTORO, MARC, US
[72] JOSE, KEVIN JOHN, US
[72] MADABHUSHI, SRI, US
[72] GANGLOFF, SCOTT, US
[71] ONCOBIOLOGICS, INC., US
[85] 2018-07-04
[86] 2017-01-05 (PCT/US2017/012362)
[87] (WO2017/120359)
[30] US (62/275,386) 2016-01-06

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[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **TETRAVALENT ANTI-PSGL-1 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS TETRAVALENTS CONTRE PSGL-1 ET UTILISATIONS DE CES DERNIERS**
[72] LIN, RONG-HWA, US
[72] LIN, SHIH-YAO, TW
[72] TSAI, YU-YING, TW
[71] BIOALLIANCE C.V., NL
[71] ABGENOMICS INTERNATIONAL INC., US
[85] 2018-07-04
[86] 2017-01-06 (PCT/US2017/012621)
[87] (WO2017/120534)
[30] US (62/276,806) 2016-01-08

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[51] **Int.Cl. A47J 43/044 (2006.01) A47J 43/04 (2006.01) A47J 43/046 (2006.01) A47J 43/06 (2006.01) A47J 43/07 (2006.01) A47J 43/08 (2006.01)**
[25] EN
[54] **DISPOSABLE CONTAINER BLENDING APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES DE MELANGE DANS UN RECIPIENT JETABLE**
[72] DICKSON, THOMAS D., JR., US
[72] VOORHEES, C. DAVID, US
[72] JIMINEZ, JAVIER E., US
[72] TRIPLETT, TYSON D., US
[71] IDEYA LABS, LLC, US
[71] IDEYA LABS, LLC, US
[85] 2018-07-04
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[87] (WO2017/131880)
[30] US (15/008,308) 2016-01-27

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[51] **Int.Cl. G01R 31/02 (2006.01) G01R 31/28 (2006.01)**
[25] EN
[54] **SHORT-RESISTANT OUTPUT PIN CIRCUITRY**
[54] **CIRCUITS DE BROCHE DE SORTIE RESISTANTS AUX COURTS-CIRCUITS**
[72] BANSAL, VIRENDRA, US
[72] GULATI, RAHUL, US
[72] BHUYAN, PRANJAL, US
[72] JAIN, PALKESH, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-07-04
[86] 2017-01-09 (PCT/US2017/012764)
[87] (WO2017/136107)
[30] US (15/012,723) 2016-02-01

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[13] A1
[51] **Int.Cl. A47F 3/08 (2006.01) B65G 1/00 (2006.01) B65G 47/46 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF MAPPING STORAGE FACILITIES**
[54] **SYSTEMES ET PROCEDES DE CARTOGRAPHIE D'INSTALLATIONS DE STOCKAGE**
[72] JONES, ERICA C., US
[72] RIZKALLAH, ANDREW J., US
[71] WALMART APOLLO, LLC, US
[85] 2018-07-04
[86] 2016-12-22 (PCT/US2016/068298)
[87] (WO2017/120061)
[30] US (62/275,881) 2016-01-07

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[51] **Int.Cl. A63B 63/00 (2006.01) A63B 69/00 (2006.01)**
[25] EN
[54] **BALL RETURN DEVICE AND SYSTEM**
[54] **DISPOSITIF ET SYSTEME DE RENVOI DE BALLON**
[72] MOROS, REBECCA, US
[71] BECCA MOROS SOCCER, LLC, US
[85] 2018-07-04
[86] 2017-01-13 (PCT/US2017/013484)
[87] (WO2017/123979)
[30] US (62/278,917) 2016-01-14

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[13] A1
[51] **Int.Cl. H02G 13/00 (2006.01)**
[25] EN
[54] **INTERNAL TETHER FOR LIGHTNING PROTECTION**
[54] **ATTACHE INTERNE POUR PROTECTION CONTRE LA FOUDRE**
[72] CAWOOD, MATTHEW D., US
[71] THOMAS & BETTS INTERNATIONAL LLC, US
[85] 2018-07-04
[86] 2017-01-24 (PCT/US2017/014654)
[87] (WO2017/132110)
[30] US (62/287,574) 2016-01-27

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[13] A1
[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/46 (2006.01) B01D 53/60 (2006.01) F01N 3/00 (2006.01) F01N 3/08 (2006.01)**
[25] EN
[54] **COMBUSTION GAS REMOVAL FROM FLUE GAS USING COAL DERIVED MINERAL MATTER**
[54] **ELIMINATION DE GAZ DE COMBUSTION A PARTIR DE FUMEES AU MOYEN DE MATIERE MINERALE DERIVEE DE CHARBON**
[72] SWENSEN, JAMES S., US
[72] GRUNDER, DOUGLAS E., US
[72] HODSON, SIMON K., US
[71] EARTH TECHNOLOGIES USA LIMITED, US
[85] 2018-07-04
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[87] (WO2017/120521)
[30] US (62/276,732) 2016-01-08

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[13] A1
[51] **Int.Cl. A47K 5/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING AND CONTROLLING DISPENSER FLUID REFILL**
[54] **SYSTEMES ET PROCEDES POUR SURVEILLER ET REGULER LA RECHARGE DE FLUIDE DE DISTRIBUTEUR**
[72] PROPER, SCOTT T., US
[72] CORNEY, RICHARD E., US
[72] BROWN, PAUL, US
[71] GOJO INDUSTRIES, INC., US
[85] 2018-07-04
[86] 2017-01-04 (PCT/US2017/012083)
[87] (WO2017/120157)
[30] US (62/274,982) 2016-01-05

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[13] A1
[51] **Int.Cl. C12N 5/071 (2010.01)**
[25] EN
[54] **PRODUCTION OF DIFFERENTIATED ENTEROENDOCRINE CELLS AND INSULIN PRODUCING CELLS**
[54] **PRODUCTION DE CELLULES ENTEROENDOCRINES DIFFERENCIEES ET CELLULES PRODUISANT DE L'INSULINE**
[72] KARP, JEFFREY MICHAEL, US
[72] LANGER, ROBERT SAMUEL, US
[72] YIN, XIAOLEI, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2018-07-04
[86] 2017-01-06 (PCT/US2017/012631)
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[30] US (62/276,814) 2016-01-08

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[13] A1
[51] **Int.Cl. C09K 3/00 (2006.01) C09K 3/18 (2006.01)**
[25] EN
[54] **DEICER COMPOSITION**
[54] **COMPOSITION DEGIVRANTE**
[72] KOEFOD, ROBERT, US
[71] CARGILL, INCORPORATED, US
[85] 2018-07-04
[86] 2017-01-06 (PCT/US2017/012458)
[87] (WO2017/120423)
[30] US (62/275,350) 2016-01-06

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[13] A1
[51] **Int.Cl. C07K 16/32 (2006.01) C07K 16/06 (2006.01) C12N 7/02 (2006.01)**
[25] EN
[54] **METHODS FOR SEPARATING ISOFORMS OF MONOCLONAL ANTIBODIES**
[54] **PROCEDES DE SEPARATION DES ISOFORMES D'ANTICORPS MONOCLONAUX**
[72] JANG, EUN, US
[72] PANDEY, PRADEEP, US
[72] JERAJANI, KAUSHAL, US
[72] GANGLOFF, SCOTT, US
[71] ONCOBIOLOGICS, INC., US
[85] 2018-07-04
[86] 2017-01-06 (PCT/US2017/012477)
[87] (WO2017/120435)
[30] US (62/276,378) 2016-01-08

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[13] A1
[51] **Int.Cl. A62B 9/00 (2006.01) A62B 27/00 (2006.01) G01M 3/38 (2006.01)**
[25] EN
[54] **WEARABLE MASK FIT MONITOR**
[54] **MONITEUR D'AJUSTEMENT DE MASQUE PORTABLE**
[72] FARMER, NATHANIEL RUDOLF, US
[72] FARMER, KENNETH RUDOLF, II, US
[72] CALDOW, ROBERT, US
[71] TSI, INC., US
[85] 2018-07-04
[86] 2017-01-06 (PCT/US2017/012507)
[87] (WO2017/120452)
[30] US (62/276,579) 2016-01-08

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[13] A1
[51] **Int.Cl. B65D 81/36 (2006.01) B65D 5/32 (2006.01) B65D 5/52 (2006.01) B65D 5/54 (2006.01) B65D 6/16 (2006.01)**
[25] EN
[54] **SHIPPING AND DISPLAY CONTAINER AND METHOD OF MAKING THE SAME**
[54] **RECIPIENT D'EXPEDITION ET DE PRESENTATION ET SON PROCEDE DE REALISATION**
[72] GRESSEL, GREGORY M., US
[72] GENORD, JONATHAN M., US
[72] LONG, MICHAEL W., US
[72] ROCHELEAU, KATELYN ROSE, US
[71] THE HERSHEY COMPANY, US
[85] 2018-07-04
[86] 2017-01-06 (PCT/US2017/012523)
[87] (WO2017/120463)
[30] US (62/275,583) 2016-01-06
[30] US (62/397,685) 2016-09-21

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[13] A1
[51] **Int.Cl. C07D 231/56 (2006.01) A61K 31/404 (2006.01) A61K 31/416 (2006.01) A61K 31/4439 (2006.01) A61P 3/10 (2006.01) A61P 29/00 (2006.01) C07D 209/36 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **MAST-CELL MODULATORS AND USES THEREOF**
[54] **MODULATEURS DE MASTOCYTES ET LEURS UTILISATIONS**
[72] SUN, LIJUN, US
[72] VEVES, ARISTIDIS, US
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US
[85] 2018-07-04
[86] 2017-01-13 (PCT/US2017/013279)
[87] (WO2017/123826)
[30] US (62/278,722) 2016-01-14

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[13] A1
[51] **Int.Cl. H01H 9/18 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **CURRENT LIMITED CIRCUITS**
[54] **CIRCUITS A COURANT LIMITE**
[72] JENSEN, JONATHAN, US
[71] JENSEN, JONATHAN, US
[85] 2018-07-04
[86] 2017-01-18 (PCT/US2017/014000)
[87] (WO2017/127466)
[30] US (62/279,831) 2016-01-18

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[13] A1
[51] **Int.Cl. A61K 35/17 (2015.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING CANCER**
[54] **METHODES DE TRAITEMENT DU CANCER**
[72] ARBEIT, ROBERT D., US
[72] RAGAN, PAULA MARIE, US
[71] X4 PHARMACEUTICALS, INC., US
[85] 2018-07-04
[86] 2017-01-23 (PCT/US2017/014578)
[87] (WO2017/127811)
[30] US (62/281,962) 2016-01-22

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[13] A1
[51] **Int.Cl. C10G 1/04 (2006.01) B03B 9/02 (2006.01) C10C 3/08 (2006.01)**
[25] EN
[54] **METHODS FOR ENHANCING HYDROCARBON RECOVERY FROM OIL SANDS**
[54] **PROCEDES D'AMELIORATION DE LA RECUPERATION D'HYDROCARBURES PRESENTS DANS DES SABLES BITUMINEUX**
[72] FAGHIHNEJAD, ALI, CA
[72] GAO, SONG, CA
[72] LUO, MENG, CA
[71] ECOLAB USA INC., US
[85] 2018-07-04
[86] 2017-01-27 (PCT/US2017/015360)
[87] (WO2017/132524)
[30] US (62/288,523) 2016-01-29

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[13] A1
[51] **Int.Cl. H04W 74/08 (2009.01)**
[25] EN
[54] **SYNCHRONIZATION ACROSS TRANSMITTING NODES USING SHARED RADIO FREQUENCY SPECTRUM**
[54] **SYNCHRONISATION ENTRE DES N□UDS DE TRANSMISSION UTILISANT UN SPECTRE DE FREQUENCES RADIO PARTAGEES**
[72] MALLIK, SIDDHARTHA, US
[72] SUN, JING, US
[72] ZHANG, XIAOXIA, US
[72] YOO, TAESANG, US
[72] WEI, YONGBIN, US
[72] DABEER, ONKAR JAYANT, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-07-04
[86] 2017-01-12 (PCT/US2017/013238)
[87] (WO2017/136120)
[30] US (62/290,174) 2016-02-02
[30] US (15/403,862) 2017-01-11

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[13] A1
[51] **Int.Cl. A47J 37/06 (2006.01) A47J 37/07 (2006.01)**
[25] EN
[54] **MICROWAVE HEATING CONSTRUCT**
[54] **CONSTRUCTION DE CHAUFFAGE A MICRO-ONDES**
[72] PEARSON, DANA LAUREN, US
[72] RESURRECCION, FERMIN P., JR., US
[72] ABBOTT, PAUL, US
[72] MARTINEZ, VLADIMIR C., US
[72] SCHLAUCH, MICHAEL L., US
[72] GILPATRICK, WILLIAM, US
[71] GRAPHIC PACKAGING INTERNATIONAL, LLC, US
[85] 2018-07-04
[86] 2017-01-30 (PCT/US2017/015557)
[87] (WO2017/136257)
[30] US (62/289,571) 2016-02-01

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[13] A1
[51] **Int.Cl. C07K 14/55 (2006.01) C07K 14/00 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **MOLECULES THAT SELECTIVELY ACTIVATE REGULATORY T CELLS FOR THE TREATMENT OF AUTOIMMUNE DISEASES**
[54] **MOLECULES ACTIVANT SELECTIVEMENT DES LYMPHOCYTES T REGULATEURS POUR LE TRAITEMENT DE MALADIES AUTO-IMMUNES**
[72] GREVE, JEFFREY, US
[71] DELINIA, INC., US
[85] 2018-07-04
[86] 2017-01-19 (PCT/US2017/014090)
[87] (WO2017/127514)
[30] US (15/002,144) 2016-01-20

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[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01) A61K 47/50 (2017.01)**
[25] EN
[54] **ANTIBODY-DRUG SYNERGISM TECHNOLOGY FOR TREATING DISEASES**
[54] **TECHNOLOGIE DE SYNERGIE ANTICORPS-MEDICAMENT PERMETTANT LE TRAITEMENT DE MALADIES**
[72] NI, JINSONG, US
[72] YANG, RONG, US
[71] NI, JINSONG, US
[71] YANG, RONG, US
[85] 2018-07-04
[86] 2017-02-02 (PCT/US2017/016107)
[87] (WO2017/136486)
[30] US (62/291,361) 2016-02-04

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[13] A1
[51] **Int.Cl. C12N 9/50 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **PRODUCT ANALOGS OR COMPONENTS OF SUCH ANALOGS AND PROCESSES FOR MAKING SAME**
[54] **SUCCEDANES DE PRODUIT OU CONSTITUANTS DE TELS SUCCEDANES ET PROCEDES POUR LES FABRIQUER**
[72] KIZER, LANCE, US
[72] RENNINGER, NEIL, US
[72] STILES, AMANDA, US
[71] RIPPLE FOODS, PBC, US
[85] 2018-07-04
[86] 2017-01-09 (PCT/US2017/012747)
[87] (WO2017/120597)
[30] US (62/276,030) 2016-01-07
[30] US (62/326,403) 2016-04-22

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[13] A1
[51] **Int.Cl. B23K 23/00 (2006.01) B23K 1/002 (2006.01) B23K 35/34 (2006.01)**
[25] EN
[54] **REMOTE CONTROL FOR EXOTHERMIC REACTION MOLD**
[54] **TELECOMMANDE POUR MOULE A REACTION EXOTHERMIQUE**
[72] ABEDRABOH, MAMOON TAWFIG, US
[72] LEHMANN, TODD CARLTON, US
[71] HUBBELL INCORPORATED, US
[85] 2018-07-04
[86] 2017-02-16 (PCT/US2017/018202)
[87] (WO2017/143083)
[30] US (62/295,890) 2016-02-16

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[13] A1
[51] **Int.Cl. A23L 33/00 (2016.01)**
[25] EN
[54] **DRUG COMBINATIONS AND METHODS TO STIMULATE EMBRYONIC-LIKE REGENERATION TO TREAT DIABETES AND OTHER DISEASES**
[54] **ASSOCIATIONS MEDICAMENTEUSES ET PROCEDES POUR STIMULER LA REGENERATION DE TYPE EMBRYONNAIRE POUR TRAITER LE DIABETE ET D'AUTRES MALADIES**
[72] LONGO, VALTER D., US
[72] BUONO, ROBERTA, US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2018-07-04
[86] 2017-02-15 (PCT/US2017/017982)
[87] (WO2017/142952)
[30] US (62/295,422) 2016-02-15

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) C12N 9/22 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **NOVEL CAS9 SYSTEMS AND METHODS OF USE**
[54] **NOUVEAUX SYSTEMES CAS9 ET PROCEDES D'UTILISATION**
[72] CIGAN, ANDREW MARK, US
[72] KING, MATTHEW G., US
[72] LIN, HAINING, US
[72] YOUNG, JOSHUA K., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2018-07-04
[86] 2017-02-27 (PCT/US2017/019640)
[87] (WO2017/155717)
[30] US (62/306,904) 2016-03-11

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[13] A1
[51] **Int.Cl. B07C 3/08 (2006.01) G06T 7/13 (2017.01) B65G 1/06 (2006.01)**
[25] EN
[54] **MATERIAL HANDLING APPARATUS WITH DELIVERY VEHICLES**
[54] **APPAREIL DE MANUTENTION AVEC VEHICULES DE LIVRAISON**
[72] DEWITT, ROBERT R., US
[72] STEVENS, ALEXANDER, US
[72] MCVAUGH, MONTY, US
[72] WALSH, JAMES, US
[72] WILSON, GREGORY, US
[71] OPEX CORPORATION, US
[85] 2018-07-04
[86] 2017-01-11 (PCT/US2017/013077)
[87] (WO2017/123678)
[30] US (62/277,253) 2016-01-11
[30] US (62/331,020) 2016-05-03
[30] US (62/374,218) 2016-08-12

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[13] A1
[51] **Int.Cl. C07D 307/30 (2006.01) C07D 307/48 (2006.01) C07D 307/68 (2006.01)**
[25] EN
[54] **PROCESSES FOR THE PREPARATION OF 2,5-FURANDICARBOXYLIC ACID AND INTERMEDIATES AND DERIVATIVES THEREOF**
[54] **PROCEDES DE PREPARATION D'ACIDE 2,5-FURANDICARBOXYLIQUE ET DES INTERMEDIAIRES ET DERIVES CORRESPONDANTS**
[72] SOKOLOVSKII, VALERY, US
[72] MURPHY, VINCENT J., US
[72] BOUSSIE, THOMAS R., US
[72] DIAMOND, GARY M., US
[72] DIAS, ERIC L., US
[72] ZHU, GUANG, US
[72] LONGMIRE, JAMES M., US
[72] HERRMANN, STANLEY, US
[72] TORSSELL, STAFFAN, FI
[72] LAVRENKO, MAYYA, US
[71] STORA ENSO OYJ, FI
[85] 2018-07-04
[86] 2017-01-12 (PCT/US2017/013197)
[87] (WO2017/123763)
[30] US (62/278,332) 2016-01-13

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[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) A61K 47/68 (2017.01) A61K 39/395 (2006.01) A61K 51/10 (2006.01) A61P 35/00 (2006.01) C07K 7/00 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **SELF-CROSSLINKING ANTIBODIES**
[54] **ANTICORPS AUTORETICULANTS**
[72] DUMITRU, CALIN, US
[72] GARDINER, ELISABETH M., US
[72] MCKENZIE, ROBERT P., US
[72] MATHO, MICHAEL H., US
[71] MEDITOPE BIOSCIENCES, INC., US
[85] 2018-07-04
[86] 2017-01-09 (PCT/US2017/012754)
[87] (WO2017/120599)
[30] US (62/276,803) 2016-01-08
[30] US (62/317,342) 2016-04-01

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[13] A1
[51] **Int.Cl. A61K 36/18 (2006.01) A61K 31/05 (2006.01) A61K 31/352 (2006.01) C07C 37/50 (2006.01)**
[25] EN
[54] **DECARBOXYLATED CANNABIS RESINS, USES THEREOF AND METHODS OF MAKING SAME**
[54] **RESINES DE CANNABIS DECARBOXYLEES, LEURS UTILISATIONS ET LEURS PROCEDES DE FABRICATION**
[72] KOTRA, LAKSHMI PREMAKANTH, CA
[72] LEWIS, MELISSA MAUREEN, CA
[72] WASILEWSKI, EWA, CA
[72] GROVER, HAR, CA
[71] CANNSCIENCE INNOVATIONS INC., CA
[85] 2018-07-05
[86] 2017-06-29 (PCT/CA2017/050788)
[87] (WO2018/000094)
[30] US (62/356,262) 2016-06-29

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[13] A1
[51] **Int.Cl. C12P 21/00 (2006.01) C12N 1/12 (2006.01) C12N 1/38 (2006.01) C12P 13/10 (2006.01) C12P 13/14 (2006.01)**
[25] FR
[54] **METHOD FOR THE PROTEIN ENRICHMENT OF MICROALGAL BIOMASS**
[54] **PROCEDE D'ENRICHISSEMENT EN PROTEINES DE LA BIOMASSE DE MICROALGUES**
[72] LE RUYET, MARIE, FR
[72] SEGUEILHA, LAURENT, FR
[72] CAPPE, MELANIE, FR
[72] DELAROCHE, SYLVAIN, FR
[71] CORBION BIOTECH, INC., US
[85] 2018-07-05
[86] 2016-02-08 (PCT/FR2016/050269)
[87] (WO2017/137668)

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[13] A1
[51] **Int.Cl. C09K 11/06 (2006.01) B42D 25/36 (2014.01) G09F 3/00 (2006.01)**
[25] EN
[54] **USE OF 4-BORA-3A,4A-DIAZA-S-INDACENES FOR SECURITY PURPOSES**
[54] **UTILISATION DE 4-BORA-3A,4A-DIAZA-S-INDACENES POUR LA SECURISATION**
[72] PRETE, COSIMO, FR
[71] CRIME SCIENCE TECHNOLOGY, FR
[85] 2018-07-05
[86] 2017-01-09 (PCT/FR2017/050045)
[87] (WO2017/118830)
[30] FR (16 50164) 2016-01-08

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[13] A1
[51] **Int.Cl. C10L 1/00 (2006.01) C10L 1/30 (2006.01) C10M 171/00 (2006.01)**
[25] FR
[54] **USE OF RARE EARTH COMPLEXES AS MARKERS OF PETROLEUM PRODUCTS, CRUDE OILS, BIOFUELS OR LUBRICANTS**
[54] **UTILISATION DE COMPLEXES DE TERRES RARES COMME MARQUEURS DE PRODUITS PETROLIERS, DE PETROLES BRUTS, DE BIOCARBURANTS OU DE LUBRIFIANTS**
[72] MARAIS, ARTHUR, FR
[72] OULD-METIDJI, MAHMOUD, FR
[72] LEPOIVRE, FLORIAN, FR
[72] COLLET, ANATOLE, FR
[72] MARTINI, MATTEO, FR
[72] ROSSETTI, FABIEN, FR
[72] TILLEMENT, OLIVIER, FR
[72] VANLAER, ANTOINE, FR
[72] GHILLEBAERT, FRANCOIS, FR
[71] INOVENTEAM, FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
[85] 2018-07-05
[86] 2017-01-12 (PCT/FR2017/050062)
[87] (WO2017/121958)
[30] FR (16 50208) 2016-01-12

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[13] A1
[51] **Int.Cl. H02J 3/00 (2006.01) H02J 13/00 (2006.01)**
[25] FR
[54] **SYSTEM AND METHOD FOR DYNAMICALLY DETERMINING MAXIMUM ELECTRIC CURRENT CARRYING CAPACITIES**
[54] **SYSTEME ET PROCEDE DE DETERMINATION DYNAMIQUE DE CAPACITES MAXIMALES DE TRANSPORT DE COURANT ELECTRIQUE**
[72] BUHAGIAR, THIERRY, FR
[71] RTE RESEAU DE TRANSPORT D'ELECTRICITE, FR
[85] 2018-07-05
[86] 2017-01-19 (PCT/FR2017/050109)
[87] (WO2017/125683)
[30] FR (1650466) 2016-01-21

[21] **3,010,672**
[13] A1
[51] **Int.Cl. G01N 35/04 (2006.01) G01N 35/00 (2006.01)**
[25] FR
[54] **SYSTEM FOR CONVEYING HOLDERS FOR CONTAINERS FOR BIOLOGICAL LIQUID SAMPLES, AND AUTOMATIC ANALYSIS SYSTEM COMPRISING SUCH A CONVEYING SYSTEM**
[54] **SYSTEME DE CONVOYAGE DE SUPPORTS POUR RECIPIENTS D'ECHANTILLONS DE LIQUIDE BIOLOGIQUE, ET SYSTEME D'ANALYSE AUTOMATIQUE COMPRENANT UN TEL SYSTEME DE CONVOYAGE**
[72] ROUSSEAU, ALAIN, FR
[71] ARTEION, FR
[85] 2018-07-05
[86] 2017-01-20 (PCT/FR2017/050123)
[87] (WO2017/129882)
[30] FR (16/50553) 2016-01-25

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[13] A1
[51] **Int.Cl. C07K 14/415 (2006.01) A24B 3/00 (2006.01) A24F 47/00 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **METHOD FOR MODIFYING LATERAL BUDDING**
[54] **PROCEDE DE MODIFICATION DU BOURGEONNEMENT LATERAL**
[72] LEACH, GWENDOLINE, GB
[72] TAMBURRINO, JUAN PABLO SANCHEZ, GB
[72] HUMPHRY, MATTHEW EDWARD, GB
[72] DESLATTES MAYS, ANNE, NL
[72] MUNKVOLD, JESSE DAVID, NL
[71] BRITISH AMERICAN TABACCO (INVESTMENTS) LIMITED, GB
[85] 2018-07-05
[86] 2017-01-12 (PCT/GB2017/050071)
[87] (WO2017/122014)
[30] GB (1600752.8) 2016-01-15
[30] GB (1601042.3) 2016-01-20

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[13] A1
[51] **Int.Cl. B65D 5/42 (2006.01) B44B 5/00 (2006.01)**
[25] EN
[54] **PACKING CONTAINER FOR NUMBER PLATE PANELS; METHOD FOR OPERATING AN EMBOSSING PRESS USING THE PACKING CONTAINER, AND EMBOSSING PRESS**
[54] **CONTENANT D'EMBALLAGE DESTINE A DES PANNEAUX DE PLAQUE NUMEROTEE; METHODE D'UTILISATION D'UNE PRESSE A EMBOSSAGE EMPLOYANT LE CONTENANT D'EMBALLAGE ET PRESSE D'EMBOSSAGE**
[72] WOLLENWEBER, THOMAS, DE
[72] KOLSCH, JORG, DE
[71] ERICH UTSCH AG, DE
[85] 2018-07-05
[86] 2016-10-21 (PCT/EP2016/075372)
[87] (WO2017/125175)
[30] DE (10 2016 100 929.6) 2016-01-20

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[13] A1
[51] **Int.Cl. B01D 53/52 (2006.01) C09K 8/532 (2006.01) C10G 21/20 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **NITROGEN BASED HYDROGEN SULFIDE SCAVENGERS AND METHOD OF USE THEREOF**
[54] **FIXATEURS DE SULFURE D'HYDROGENE A BASE D'AZOTE ET PROCEDE D'UTILISATION ASSOCIE**
[72] SUBRAMANIYAM, MAHESH, IN
[71] DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED, IN
[85] 2018-07-05
[86] 2016-12-23 (PCT/IB2016/057994)
[87] (WO2017/118894)
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR ENHANCING THE POTENCY OF SUPERANTIGEN MEDIATED CANCER IMMUNOTHERAPY**
[54] **PROCEDES ET COMPOSTIONS PERMETTANT D'AMELIORER LA PUISSANCE DE L'IMMUNOTHERAPIE ANTICANCEREUSE MEDIEE PAR UN SUPERANTIGENE**
[72] NATHAN, ASHER, IL
[72] SHAHAR, MICHAL, IL
[71] NEOTX THERAPEUTICS LTD., IL
[85] 2018-07-05
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[51] **Int.Cl. B23K 1/002 (2006.01) B64G 1/64 (2006.01)**
[25] EN
[54] **NON-EXPLOSIVE RELEASE MECHANISM BASED ON ELECTROMAGNETIC INDUCTION MELTING**
[54] **MECANISME DE RELACHEMENT NON EXPLOSIF BASE SUR UNE FUSION PAR INDUCTION ELECTROMAGNETIQUE**
[72] MESCHINI, ALBERTO, IT
[71] THALES ALENIA SPACE ITALIA S.P.A. CON UNICO SOCIO, IT
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[25] EN
[54] **METHOD OF MOLDING A SHELL PART OF A WIND TURBINE BLADE**
[54] **PROCEDE DE MOULAGE D'UNE PIECE D'ENVELOPPE D'UNE PALE DE TURBINE EOLIENNE**
[72] NIELSEN, LARS, DK
[71] LM WP PATENT HOLDING A/S, DK
[85] 2018-07-05
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[25] EN
[54] **BEVERAGE MACHINE WITH AN ERGONOMIC WATER STORAGE**
[54] **MACHINE A BOISSONS COMPRENANT UN ELEMENT DE STOCKAGE D'EAU ERGONOMIQUE**
[72] BRANKO, LUKIC, US
[72] CROZIER, ETIENNE, CH
[72] GUYON, BERTRAND, FR
[72] KILPATRICK, KEVIN, US
[72] MAGATTI, MARCO, CH
[72] OBLIGER, NICOLAS, FR
[72] RYUTARO TAKAYAMA, STEVEN, US
[72] THULIEZ, JEAN-LUC, CH
[71] NESTEC S.A., CH
[85] 2018-07-05
[86] 2017-01-06 (PCT/EP2017/050237)
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[30] US (PCT/US2016/012647) 2016-01-08

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[51] **Int.Cl. C12N 15/82 (2006.01) A24B 3/00 (2006.01) A24F 47/00 (2006.01) C07K 14/415 (2006.01) A01H 5/00 (2018.01)**
[25] EN
[54] **METHOD FOR MODIFYING LATERAL BUDDING IN PLANTS AND PLANTS RESULTING FROM SAID METHOD**
[54] **PROCEDE POUR MODIFIER LE BOURGEONNEMENT LATERAL DANS DES PLANTES ET PLANTES OBTENUES AU MOYEN DUDIT PROCEDE**
[72] MUNKVOLD, JESSE DAVID, NL
[72] DESLATTES MAYS, ANNE, NL
[71] KEYGENE N.V., NL
[85] 2018-07-05
[86] 2017-01-12 (PCT/EP2017/050526)
[87] (WO2017/121775)
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[25] EN
[54] **METHOD FOR MODIFYING LATERAL BUDDING IN PLANTS AND PLANTS RESULTING FROM SAID METHOD**
[54] **PROCEDE DE MODIFICATION DU BOURGEONNEMENT LATERAL DANS DES PLANTES, ET PLANTES OBTENUES PAR CE PROCEDE**
[72] MUNKVOLD, JESSE DAVID, NL
[72] DESLATTES MAYS, ANNE, NL
[71] KEYGENE N.V., NL
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[87] (WO2017/121776)
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[51] **Int.Cl. C07K 16/28 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **BISPECIFIC T CELL ENGAGING ANTIBODY CONSTRUCTS**
[54] **CONSTRUCTIONS D'ANTICORPS BISPECIFIQUES D'ENGAGEMENT AVEC LES CELLULES T**
[72] RAUM, TOBIAS, DE
[72] MUENZ, MARKUS, DE
[72] BROZY, JOHANNES, DE
[72] KUFER, PETER, DE
[72] HOFFMANN, PATRICK, DE
[72] FRIEDRICH, MATTHIAS, DE
[72] RATTEL, BENNO, DE
[72] BOGNER, PAMELA, DE
[72] WOLF, ANDREAS, DE
[72] POMPE, CORNELIUS, DE
[71] AMGEN RESEARCH (MUNICH) GMBH, DE
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[87] (WO2017/134140)
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[25] EN
[54] **PERIODICAL MODULATION OF LONGITUDINAL COUPLING STRENGTH FOR QUANTUM NON -DEMOLITION QUBIT READOUT**
[54] **MODULATION PERIODIQUE DE SOLIDITE DE RACCORD LONGITUDINAL DESTINE A L'AFFICHAGE DE QUBIT QUANTIQUE SANS DEMOLITION**
[72] BLAIS, ALEXANDRE, CA
[72] ROYER, BAPTISTE, CA
[72] GRIMSMO, ARNE LOEHRE, CA
[71] SOCPRA-SCIENCES ET GENIE S.E.C., CA
[85] 2018-07-05
[86] 2017-03-09 (PCT/CA2017/050316)
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[51] **Int.Cl. H02J 3/38 (2006.01)**
[25] EN
[54] **METHOD FOR FEEDING ELECTRICAL POWER INTO AN ELECTRIC SUPPLY NETWORK**
[54] **PROCEDE D'INJECTION D'ENERGIE ELECTRIQUE DANS UN RESEAU D'ALIMENTATION ELECTRIQUE**
[72] BROMBACH, JOHANNES, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-07-05
[86] 2017-01-27 (PCT/EP2017/051777)
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[25] EN
[54] **ROTOR BLADE OF A WIND TURBINE AND A WIND TURBINE**
[54] **PALE DE ROTOR D'UNE EOLIENNE ET EOLIENNE**
[72] HOFFMANN, ALEXANDER, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-07-05
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[25] EN
[54] **MEDICAL DEVICE FOR DETECTING AT LEAST ONE ANALYTE IN A BODY FLUID**
[54] **DISPOSITIF MEDICAL POUR DETECTER AU MOINS UN ANALYTE DANS UN LIQUIDE CORPOREL**
[72] WALTER, HELMUT, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-07-05
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[25] EN
[54] **TAU PET IMAGING LIGANDS**
[54] **LIGANDS D'IMAGERIE TAU-PET**
[72] MOECHARS, DIEDERIK WILLEM ELISABETH, BE
[72] ROMBOUTS, FREDERIK JAN RITA, BE
[72] LEENAERTS, JOSEPH ELISABETH, BE
[72] ANDRES-GIL, JOSE IGNACIO, ES
[72] FIERENS, KATLEEN, BE
[72] CHUPAKHIN, VLADIMIR, BE
[72] BORMANS, GUY MAURITS R., BE
[72] DECLERCQ, LIEVEN DENIS HERWIG, BE
[72] KOLB, HARTMUTH, US
[72] ZHANG, WEI, US
[71] JANSSEN PHARMACEUTICA NV, BE
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[30] EP (16154123.0) 2016-02-03
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[54] **COMBINED CARTRIDGE FOR ELECTRONIC VAPING DEVICE**
[54] **CARTOUCHE COMBINEE POUR DISPOSITIF DE VAPOTAGE ELECTRONIQUE**
[72] ROSTAMI, ALI, US
[72] TUCKER, CHRISTOPHER S., US
[72] KANE, DAVID, US
[72] LIPOWICZ, PETER, US
[72] KARLES, GEORGIOS, US
[72] KOBAL, GERD, US
[72] PITHAWALLA, YEZDI, US
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[86] 2017-03-08 (PCT/EP2017/055472)
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[30] US (15/063,900) 2016-03-08

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[51] **Int.Cl. G02B 27/01 (2006.01) G06F 3/01 (2006.01)**
[25] EN
[54] **FACE PLATE IN TRANSPARENT OPTICAL PROJECTION DISPLAYS**
[54] **PLAQUE FRONTALE DANS DES AFFICHEURS A PROJECTION OPTIQUE TRANSPARENTS**
[72] HOLMER, ANNA-KARIN, SE
[72] ZANDEN, JOHAN, SE
[72] ANDERSSON, STEFAN, SE
[71] SAAB AB, SE
[85] 2018-07-05
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[25] FR
[54] **PROCESS AND DEVICE FOR TREATING WASTEWATERS BY OXIDATION**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'EAUX RESIDUAIRES PAR OXYDATION**
[72] BAIG, SYLVIE, FR
[71] SUEZ INTERNATIONAL, FR
[85] 2018-07-05
[86] 2017-01-20 (PCT/EP2017/051245)
[87] (WO2017/125584)
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[25] EN
[54] **CHARACTERIZING A MIXED FUEL FLOW PERIOD**
[54] **CARACTERISATION D'UNE PERIODE D'ECOULEMENT DE MELANGE DE CARBURANTS**
[72] ZIMMER, PATRICK JOHN, US
[72] SCOTT, TAYLOR ROBERT, US
[71] MICRO MOTION, INC., US
[85] 2018-07-05
[86] 2016-01-06 (PCT/US2016/012296)
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[25] EN
[54] **CURABLE POLYFARNESENE-BASED COMPOSITIONS**
[54] **COMPOSITIONS A BASE DE POLYFARNESENE DURCISSABLES**
[72] HENNING, STEVEN K., US
[72] TIAN, NAN, US
[72] CHAO, HERBERT, US
[71] FINA TECHNOLOGY, INC., US
[85] 2018-07-05
[86] 2016-08-11 (PCT/US2016/046519)
[87] (WO2017/065864)
[30] US (14/989,140) 2016-01-06

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[51] **Int.Cl. H04L 5/00 (2006.01) H04W 72/12 (2009.01) H04W 72/14 (2009.01)**
[25] EN
[54] **TECHNIQUES FOR CONFIGURING REFERENCE SIGNALS IN LOW LATENCY WIRELESS COMMUNICATIONS**
[54] **TECHNIQUES PERMETTANT DE CONFIGURER DES SIGNAUX DE REFERENCE DANS DES COMMUNICATIONS SANS FIL A FAIBLE LATENCE**
[72] PATEL, SHIMMAN ARVIND, US
[72] CHEN, WANSHI, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-07-05
[86] 2016-12-12 (PCT/US2016/066209)
[87] (WO2017/136039)
[30] US (62/292,073) 2016-02-05
[30] US (15/294,453) 2016-10-14

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[25] EN
[54] **FEEDTHROUGH DEVICE**
[54] **DISPOSITIF D'INTERCONNEXION**
[72] BUSHONG, WILLIAM C., US
[72] DAVIDSON, GREGORY J., US
[72] GURRIE, TERRANCE W., US
[72] WESTCOTT, SARAH L., US
[71] SPECTRUM BRANDS, INC., US
[85] 2018-07-05
[86] 2017-01-06 (PCT/IB2017/050059)
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[30] US (62/276,649) 2016-01-08

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[51] **Int.Cl. C08F 293/00 (2006.01) B01D 39/16 (2006.01) C08J 5/18 (2006.01)**
[25] FR
[54] **AMPHIPHILIC DIBLOCK COPOLYMER AND USE OF SAME FOR PRODUCING POLYMERIC FILTER MEMBRANES**
[54] **COPOLYMERE AMPHIPHILE DIBLOC ET SON UTILISATION POUR LA FABRICATION DE MEMBRANES POLYMERIQUES DE FILTRATION**
[72] KOSAR, WALTER PHILLIP, US
[72] LORAIN, OLIVIER, FR
[72] MARCELLINO, SEBASTIEN, FR
[72] BEAUME, FRANCOIS, FR
[72] GERARD, PIERRE, FR
[71] ARKEMA FRANCE, FR
[71] POLYMEM, FR
[85] 2018-07-05
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[30] FR (1650789) 2016-02-01

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[51] **Int.Cl. A61C 5/50 (2017.01) A61C 1/00 (2006.01) A61C 17/02 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR CLEANING OF A CANAL**
[54] **PROCEDE ET AGENCEMENT POUR LE NETTOYAGE D'UN CANAL**
[72] ERTL, THOMAS, DE
[72] DIEBOLDER, ROLF, DE
[71] DEGUDENT GMBH, DE
[71] DENTSPLY SIRONA INC., US
[85] 2018-07-05
[86] 2017-03-22 (PCT/EP2017/056751)
[87] (WO2017/162705)
[30] EP (16161539.8) 2016-03-22
[30] EP (16184968.2) 2016-08-19

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[13] A1
[51] **Int.Cl. A61B 1/00 (2006.01)**
[25] EN
[54] **HYBRID TRANSSEPTAL DILATOR AND METHODS OF USING THE SAME**
[54] **DILATATEUR TRANSSEPTAL HYBRIDE ET SES PROCEDES D'UTILISATION**
[72] THOMPSON SMITH, MELANIE, CA
[72] LEUNG, LINUS, CA
[72] DAVIES, GARETH, CA
[71] BAYLIS MEDICAL COMPANY INC., CA
[85] 2018-07-05
[86] 2017-01-06 (PCT/IB2017/050065)
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[30] US (62/275,907) 2016-01-07

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[51] **Int.Cl. B41J 3/407 (2006.01) B41M 5/50 (2006.01) B41M 5/52 (2006.01) B44C 5/04 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING PAPER PRINTABLE WITH INKJET FOR USE AS A DECOR PAPER**
[54] **PROCEDE DE FABRICATION DE PAPIER IMPRIMABLE PAR JET D'ENCRE DESTINE A ETRE UTILISE EN TANT QUE PAPIER DECORATIF**
[72] CLEMENT, BENJAMIN, BE
[71] UNILIN, BVBA, BE
[85] 2018-07-05
[86] 2017-01-25 (PCT/IB2017/050392)
[87] (WO2017/130117)
[30] EP (16152800.5) 2016-01-26

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[51] **Int.Cl. G01C 21/34 (2006.01) G08G 1/00 (2006.01) G08G 1/09 (2006.01) G09B 29/00 (2006.01)**
[25] EN
[54] **WORK MACHINE MANAGEMENT SYSTEM AND WORK MACHINE**
[54] **SYSTEME DE GESTION DE MACHINE DE TRAVAIL ET MACHINE DE TRAVAIL**
[72] SAKAI, ATSUSHI, JP
[72] MINAGAWA, MASANORI, JP
[72] OZAKI, TOMONORI, JP
[71] KOMATSU LTD., JP
[85] 2018-07-05
[86] 2016-02-29 (PCT/JP2016/056140)
[87] (WO2017/149628)

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[51] **Int.Cl. D21H 17/67 (2006.01) C01F 11/18 (2006.01) C09C 1/02 (2006.01) D21H 17/63 (2006.01)**
[25] EN
[54] **PRECIPITATED CALCIUM CARBONATE**
[54] **CARBONATE DE CALCIUM PRECIPITE**
[72] BACKFOLK, KAJ, FI
[72] HEISKANEN, ISTO, FI
[72] LAUKALA, TEIJA, FI
[71] STORA ENSO OYJ, FI
[85] 2018-07-05
[86] 2017-02-10 (PCT/IB2017/050741)
[87] (WO2017/137941)
[30] SE (1650193-4) 2016-02-12

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **BCMA AND CD3 BISPECIFIC T CELL ENGAGING ANTIBODY CONSTRUCTS**
[54] **ANTICORPS RECOMBINANTS BISPECIFIQUES BITE (BISPECIFIC T CELL ENGAGING ANTIBODY) ANTI-BCMA ET ANTI-CD3**
[72] RAUM, TOBIAS, DE
[72] MUENZ, MARKUS, DE
[72] BROZY, JOHANNES, DE
[72] KUFER, PETER, DE
[72] HOFFMANN, PATRICK, DE
[72] FRIEDRICH, MATTHIAS, DE
[72] RATTEL, BENNO, DE
[72] BOGNER, PAMELA, DE
[72] WOLF, ANDREAS, DE
[72] POMPE, CORNELIUS, DE
[71] AMGEN RESEARCH (MUNICH) GMBH, DE
[71] AMGEN, INC., US
[85] 2018-07-05
[86] 2017-02-02 (PCT/EP2017/052202)
[87] (WO2017/134134)
[30] US (62/290,831) 2016-02-03

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[25] EN
[54] **MIXED POWDER FOR POWDER METALLURGY**
[54] **POUDRE MELANGEE POUR METALLURGIE DES POUDRES**
[72] UNAMI, SHIGERU, JP
[72] HIRAYAMA, JUUJI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2018-07-05
[86] 2016-11-25 (PCT/JP2016/085051)
[87] (WO2017/122434)
[30] JP (2016-006417) 2016-01-15
[30] JP (2016-190138) 2016-09-28

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[51] **Int.Cl. A41D 19/00 (2006.01) A61F 5/00 (2006.01) A61F 7/00 (2006.01) A61N 1/00 (2006.01) C09K 5/00 (2006.01) C22C 19/03 (2006.01)**
[25] EN
[54] **DEVICE FOR THE TREATMENT OF ARTHRITIS AND ARTHROSIS OF THE EXTREMITIES, CHRONIC INFLAMMATIONS, PAIN REDUCTION AND MUSCLE TENSION**
[54] **DISPOSITIF POUR LE TRAITEMENT DE L'ARTHRITE ET DE L'ARTHROSE DES EXTREMITES, DES INFLAMMATIONS CHRONIQUES, ET POUR LA REDUCTION DE LA DOULEUR ET DE LA TENSION MUSCULAIRE**
[72] DE LA TORRE BARREIRO, JOSE LUIS, ES
[71] DEMAC, S.A., ES
[85] 2018-07-05
[86] 2016-01-25 (PCT/ES2016/070040)
[87] (WO2017/032910)

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[25] EN
[54] **METHODS OF ADMINISTERING HEPCIDIN**
[54] **PROCEDES D'ADMINISTRATION D'HEPCIDINE**
[72] TIDMARSH, GEORGE, US
[72] CHAWLA, LAKHMIR, US
[71] LA JOLLA PHARMACEUTIAL COMPANY, US
[85] 2018-07-05
[86] 2017-01-06 (PCT/US2017/012454)
[87] (WO2017/120419)
[30] US (62/276,727) 2016-01-08
[30] US (62/276,922) 2016-01-10
[30] US (62/287,285) 2016-01-26
[30] US (62/400,795) 2016-09-28
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[51] **Int.Cl. A41D 13/005 (2006.01) A41B 11/00 (2006.01)**
[25] EN
[54] **FOOTWEAR, IN PARTICULAR SOCKS**
[54] **ARTICLE CHAUSSANT, EN PARTICULIER CHAUSSETTE**
[72] SCHABERREITER, MARTIN, AT
[72] LENZ, STEFAN, AT
[72] KREMER, GERHARD, AT
[71] LENZ GES.M.B.H., AT
[85] 2018-07-05
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[87] (WO2017/198583)
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[25] EN
[54] **ARRANGEMENT OF HEAT RECOVERY SURFACES OF A RECOVERY BOILER**
[54] **AGENCEMENT DE SURFACES DE RECUPERATION DE CHALEUR D'UNE CHAUDIERE DE RECUPERATION**
[72] ROPPANEN, JUKKA, FI
[71] ANDRITZ OY, FI
[85] 2018-07-05
[86] 2017-01-25 (PCT/FI2017/050039)
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[51] **Int.Cl. A61K 9/51 (2006.01) A61K 47/50 (2017.01) A61K 31/337 (2006.01)**
[25] EN
[54] **MESOPOROUS SILICA NANOPARTICLES WITH LIPID BILAYER COATING FOR CARGO DELIVERY**
[54] **NANOPARTICULES DE SILICE MESOPOREUSE A REVETEMENT A BICOUCHE LIPIDIQUE POUR L'ADMINISTRATION D'UNE CHARGE**
[72] NEL, ANDRE E., US
[72] MENG, HUAN, US
[72] LIU, XIANGSHENG, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[25] EN
[54] **SUCTION ROLL WITH PATTERN OF THROUGH HOLES AND BLIND DRILLED HOLES THAT IMPROVES LAND DISTANCE**
[54] **ROULEAU D'ASPIRATION A MOTIF DE TROUS TRAVERSANTS ET TROUS BORGNES QUI AMELIORE LA DISTANCE SUR TERRAIN**
[72] HARVEY, GLEN A., US
[71] STOWE WOODWARD LICENSCO, LLC, US
[85] 2018-07-05
[86] 2017-04-26 (PCT/US2017/029507)
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[30] US (62/327,847) 2016-04-26

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[25] EN
[54] **D-PEPTIDE INHIBITORS OF HIV ENTRY AND METHODS OF USE**
[54] **INHIBITEURS DE PEPTIDE D DE PENETRATION DU VIH ET LEURS METHODES D'UTILISATION**
[72] WELCH, BRETT D., US
[72] FRANCIS, JAMES NICHOLAS, US
[72] KAY, MICHAEL S., US
[71] NAVIGEN, INC., US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[85] 2018-07-05
[86] 2017-01-06 (PCT/US2017/012640)
[87] (WO2017/120549)
[30] US (62/276,201) 2016-01-07
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[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **PROSTHETIC TISSUE VALVES**
[54] **VALVES FAITES DE TISSU PROSTHETIQUE.**
[72] MATHENY, ROBERT G., US
[71] CORMATRIX CARDIOVASCULAR, INC., US
[85] 2018-07-05
[86] 2017-06-30 (PCT/US2017/040216)
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[25] EN
[54] **WIRE STRIPPING DIE FOR CRIMPING TOOL**
[54] **MATRICE DE DENUDAGE DE FIL POUR UN OUTIL DE SERTISSAGE**
[72] TROMBLEY, LOGAN, US
[71] HUBBELL INCORPORATED, US
[85] 2018-07-05
[86] 2017-01-06 (PCT/US2017/012522)
[87] (WO2017/120462)
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[51] **Int.Cl. A61K 31/21 (2006.01) A61K 31/231 (2006.01)**
[25] EN
[54] **METHODS OF MAKING CAPSINOIDS BY BIOSYNTHETIC PROCESSES**
[54] **PROCEDES DE FABRICATION DE CAPSINOIDES PAR DES PROCEDES DE BIOSYNTHESE**
[72] CHEN, HUI, US
[72] YU, XIAODAN, US
[71] CONAGEN INC., US
[85] 2018-07-05
[86] 2017-01-06 (PCT/US2017/012535)
[87] (WO2017/120473)
[30] US (62/276,059) 2016-01-07

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[25] EN
[54] **PROSTHETIC TISSUE VALVES**
[54] **VALVES DE TISSU PROSTHETIQUE**
[72] MATHENY, ROBERT G., US
[71] CORMATRIX CARDIOVASCULAR, INC., US
[85] 2018-07-05
[86] 2017-06-30 (PCT/US2017/040228)
[87] (WO2018/013361)
[30] US (15/206,847) 2016-07-11
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[51] **Int.Cl. F02M 7/08 (2006.01) F02D 9/08 (2006.01)**
[25] EN
[54] **CARBURETOR WITH MAINTENANCE PORT**
[54] **CARBURATEUR COMPRENANT UN ORIFICE DE MAINTENANCE**
[72] NOLIN, ERIC, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN
[85] 2018-07-05
[86] 2017-01-09 (PCT/US2017/012711)
[87] (WO2017/120581)
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[25] EN
[54] **MULTIFUNCTIONAL PRODUCT WITH HYDROGEN SULFIDE SCAVENGING AND HYDRATE INHIBITION CAPACITY**
[54] **PRODUIT MULTIFONCTIONNEL AYANT UNE CAPACITE D'INHIBITION D'HYDRATE ET DE PIEGEAGE DE SULFURE D'HYDROGENE**
[72] BAILEY, JOSEPH P., CO
[72] PADULA, LILIAN, BR
[71] ECOLAB USA INC., US
[85] 2018-07-05
[86] 2017-01-06 (PCT/US2017/012554)
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[25] EN
[54] **MUTATED TRUNCATED VON WILLEBRAND FACTOR**
[54] **FACTEUR DE VON WILLEBRAND TRONQUE MUTE**
[72] ANDREWS, ARNA, AU
[72] PANOUSIS, CON, AU
[72] EMMRICH, KERSTIN, AU
[72] WILSON, MICHAEL, AU
[72] DOWER, STEVE, AU
[72] HARDY, MATTHEW, AU
[72] HARTMAN, DALLAS, AU
[71] CSL BEHRING RECOMBINANT FACILITY AG, CH
[85] 2018-07-06
[86] 2017-01-06 (PCT/AU2017/050010)
[87] (WO2017/117631)
[30] AU (2016900034) 2016-01-07

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[51] **Int.Cl. C12N 5/0783 (2010.01) C12N 5/10 (2006.01)**
[25] EN
[54] **GERIATRIC CAR-T CELLS AND USES THEREOF**
[54] **CELLULES CAR-T GERIATRIQUES ET LEURS UTILISATIONS**
[72] KATZ, STEVEN C., US
[71] PROSPECT CHARTERCARE RWMC, LLC D/B/A ROGER WILLIAMS MEDICAL CENTER, US
[85] 2018-07-05
[86] 2017-01-06 (PCT/US2017/012549)
[87] (WO2017/120481)
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[13] A1
[51] **Int.Cl. C07D 417/12 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **DEOXYCYTIDINE KINASE BINDING COMPOUNDS**
[54] **COMPOSES DE LIAISON A LA DESOXYCYTIDINE KINASE**
[72] RADU, CAIUS G., US
[72] GIPSON, RAYMOND M., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-07-05
[86] 2017-01-09 (PCT/US2017/012718)
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[51] **Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2018.01) C12N 15/29 (2006.01) C12N 15/52 (2006.01)**
[25] EN
[54] **PLANTS WITH MODIFIED TRAITS**
[54] **PLANTES PRESENTANT DES TRAITS MODIFIES**
[72] MITCHELL, MADELINE CLAIRE, AU
[72] DIVI, UDAY KUMAR, AU
[72] VANHERCKE, THOMAS, AU
[72] PETRIE, JAMES ROBERTSON, AU
[72] SINGH, SURINDER PAL, AU
[72] GREEN, ALLAN GRAHAM, AU
[71] COMMONHEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2018-07-06
[86] 2017-01-06 (PCT/AU2017/050012)
[87] (WO2017/117633)
[30] AU (2016900039) 2016-01-07
[30] AU (2016903541) 2016-09-02
[30] AU (2016903577) 2016-09-06
[30] AU (2016904611) 2016-11-11

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[13] A1
[51] **Int.Cl. F21S 9/03 (2006.01) H02S 10/40 (2014.01) F21S 2/00 (2016.01) F21V 11/06 (2006.01) F21V 17/10 (2006.01) F21V 23/00 (2015.01) H01L 31/042 (2014.01)**
[25] EN
[54] **PORTABLE SOLAR LIGHT**
[54] **SYSTEME D'ECLAIRAGE SOLAIRE PORTATIF**
[72] REEVES, RAY, US
[71] REEVES, RAY, US
[85] 2018-07-05
[86] 2017-01-09 (PCT/US2017/012735)
[87] (WO2017/120590)
[30] US (62/275,805) 2016-01-07
[30] US (62/412,837) 2016-10-26

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[51] **Int.Cl. A61K 31/423 (2006.01) A61K 31/428 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **PROPHYLACTIC OR THERAPEUTIC AGENT FOR DELIRIUM**
[54] **AGENT DE TRAITEMENT PROPHYLACTIQUE OU THERAPEUTIQUE DU DELIRE**
[72] MAHABLESHWARKAR, ATUL R., US
[72] NISHIMURA, AKIRA, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2018-07-05
[86] 2017-01-05 (PCT/JP2017/000167)
[87] (WO2017/119456)
[30] US (62/276,366) 2016-01-08

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[51] **Int.Cl. F28F 9/00 (2006.01) F28D 3/00 (2006.01) F28D 9/02 (2006.01) F28F 3/08 (2006.01) F28F 9/26 (2006.01)**
[25] EN
[54] **STRUCTURALLY INTEGRAL HEAT EXCHANGER WITHIN A PLASTIC HOUSING**
[54] **ECHANGEUR DE CHALEUR A STRUCTURE SOLIDAIRE A L'INTERIEUR D'UN BOITIER EN PLASTIQUE**
[72] STEWART, NIKOLAS S., CA
[72] KINDER, LEE M., CA
[71] DANA CANADA CORPORATION, CA
[85] 2018-07-06
[86] 2017-02-01 (PCT/CA2017/050112)
[87] (WO2017/132761)
[30] US (62/289,593) 2016-02-01

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[13] A1
[51] **Int.Cl. E21D 11/15 (2006.01) E21D 11/40 (2006.01)**
[25] EN
[54] **MESH HANDLING DEVICE FOR MINING OR TUNNELLING EQUIPMENT**
[54] **DISPOSITIF DE MANIPULATION DE TREILLIS POUR EQUIPEMENT D'EXPLOITATION MINIERE OU DE CREUSEMENT DE TUNNELS**
[72] BISCHOF, ANDREAS, AT
[72] GALLER, THOMAS, AT
[72] KUPPER, MARTIN, AT
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2018-07-06
[86] 2016-02-24 (PCT/EP2016/053839)
[87] (WO2017/144090)

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[13] A1
[51] **Int.Cl. A61K 8/67 (2006.01) A61K 8/60 (2006.01) A61Q 19/00 (2006.01) A61Q 19/02 (2006.01)**
[25] EN
[54] **METHOD OF TREATING A SKIN CONDITION AND COMPOSITIONS THEREFOR**
[54] **METHODE DE TRAITEMENT D'UNE AFFECTION CUTANEE ET COMPOSITIONS ASSOCIEES**
[72] HAKOZAKI, TOMOHIRO, US
[72] OBLONG, JOHN ERICH, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-07-05
[86] 2017-01-10 (PCT/US2017/012786)
[87] (WO2017/123512)
[30] US (62/277,181) 2016-01-11

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[13] A1
[51] **Int.Cl. B65B 13/30 (2006.01)**
[25] EN
[54] **A SEPARATABLE LOWER MOLD OF STEEL STRAPPING MACHINE WITHOUT USING JOINT**
[54] **COUTEAUX INFERIEURS FENDUS POUR UN OUTIL DE CERCLAGE DE BANDE EN ACIER SANS BOUCLE**
[72] GAO, GUOWU, CN
[71] DALIAN FIELD HEAVY-MACHINERY MANUFACTURING CO.,LTD, CN
[85] 2018-07-06
[86] 2016-02-25 (PCT/CN2016/074536)
[87] (WO2017/121014)
[30] CN (201610020350.3) 2016-01-12

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[51] **Int.Cl. F04B 1/14 (2006.01) F04B 9/02 (2006.01) F04B 11/00 (2006.01) F04B 15/02 (2006.01) F04B 23/06 (2006.01) F16H 23/08 (2006.01)**
[25] EN
[54] **DIRECT DRIVE PUMP ASSEMBLIES**
[54] **ENSEMBLES FORMANT POMPES A ENTRAINEMENT DIRECT**
[72] MARICA, ADRIAN, US
[71] NATIONAL OILWELL VARCO, L.P., US
[85] 2018-07-05
[86] 2017-01-11 (PCT/US2017/013048)
[87] (WO2017/123656)
[30] US (62/277,363) 2016-01-11
[30] US (62/423,008) 2016-11-16
[30] US (62/429,446) 2016-12-02

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[51] **Int.Cl. F16H 61/66 (2006.01) F16H 15/28 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING ROLLBACK IN CONTINUOUSLY VARIABLE TRANSMISSIONS**
[54] **SYSTEMES ET PROCEDES POUR COMMANDER LE RECUL DANS DES TRANSMISSIONS A VARIATION CONTINUE**
[72] THOMASSY, FERNAND A., US
[72] LOHR, CHARLES B., US
[72] POHL, BRAD P., US
[72] JACKSON, DAVID BRIAN, US
[71] FALLBROOK INTELLECTUAL PROPERTY COMPANY LLC, US
[85] 2018-07-05
[86] 2016-11-28 (PCT/US2016/063880)
[87] (WO2017/123331)
[30] US (14/996,743) 2016-01-15

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[13] A1
[51] **Int.Cl. C03C 13/00 (2006.01) C03C 3/085 (2006.01)**
[25] EN
[54] **HIGH MODULUS GLASS FIBER COMPOSITION, AND GLASS FIBER AND COMPOSITE MATERIAL THEREOF**
[54] **COMPOSITION DE FIBRE DE VERRE A HAUT MODULE D'ELASTICITE, ET FIBRE DE VERRE ET MATERIAU COMPOSITE DE CELLE-CI**
[72] ZHANG, LIN, CN
[72] CAO, GUORONG, CN
[72] ZHANG, YUQIANG, CN
[72] XING, WENZHONG, CN
[72] GU, GUIJIANG, CN
[71] JUSHI GROUP CO., LTD., CN
[85] 2018-07-06
[86] 2016-03-07 (PCT/CN2016/075781)
[87] (WO2016/165507)
[30] CN (201610112748.X) 2016-02-29

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[13] A1
[51] **Int.Cl. A61K 31/551 (2006.01) A61K 31/517 (2006.01)**
[25] EN
[54] **METHOD OF TREATING C3 GLOMERULOPATHY**
[54] **PROCEDE DE TRAITEMENT D'UNE GLOMERULOPATHIE A C3**
[72] BEKKER, PETRUS, US
[71] CHEMOCENTRYX, INC., US
[85] 2018-07-05
[86] 2017-01-12 (PCT/US2017/013132)
[87] (WO2017/123716)
[30] US (62/278,788) 2016-01-14
[30] US (62/280,346) 2016-01-19
[30] US (62/347,450) 2016-06-08
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[51] **Int.Cl. B62K 9/02 (2006.01) B62K 15/00 (2006.01) B62K 21/12 (2006.01)**
[25] EN
[54] **FOLDABLE CHILD'S TRICYCLE AND FOLDING METHOD THEREOF**
[54] **TRICYCLE POUR ENFANT PLIABLE ET SON PROCEDE DE PLIAGE**
[72] WU, CHUNHUA, CN
[71] JIAXING XIAOHUZI BIKE FACTORY COMPANY LIMITED, CN
[85] 2018-07-06
[86] 2016-03-23 (PCT/CN2016/077108)
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[30] CN (201610035426.X) 2016-01-19

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[51] **Int.Cl. H04W 52/24 (2009.01)**
[25] EN
[54] **ELECTRONIC DEVICE, USER EQUIPMENT AND WIRELESS COMMUNICATION METHOD IN WIRELESS COMMUNICATION SYSTEM**
[54] **DISPOSITIF ELECTRONIQUE, EQUIPEMENT UTILISATEUR ET PROCEDE DE COMMUNICATION SANS FIL DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] ZHAO, YOUPING, CN
[72] DING, WEI, CN
[72] GUO, XIN, CN
[72] SUN, CHEN, CN
[71] SONY CORPORATION, JP
[85] 2018-07-06
[86] 2017-01-04 (PCT/CN2017/070125)
[87] (WO2017/121269)
[30] CN (201610021159.0) 2016-01-13

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[51] **Int.Cl. A61K 48/00 (2006.01) A61P 3/00 (2006.01) C12N 5/10 (2006.01) C12N 9/40 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OF NEUROLOGIC DISEASE**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT D'UNE MALADIE NEUROLOGIQUE**
[72] DEKELVER, RUSSELL, US
[72] MCIVOR, R. SCOTT, US
[72] OU, LI, US
[72] WECHSLER, THOMAS, US
[72] WHITLEY, CHESTER B., US
[71] SANGAMO THERAPEUTICS, INC., US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2018-07-05
[86] 2017-01-12 (PCT/US2017/013189)
[87] (WO2017/123757)
[30] US (62/279,394) 2016-01-15
[30] US (62/300,271) 2016-02-26
[30] US (62/328,925) 2016-04-28

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[51] **Int.Cl. C10M 177/00 (2006.01) C10M 101/00 (2006.01) C10M 115/10 (2006.01) C10M 121/04 (2006.01) C10M 159/20 (2006.01) C10M 159/24 (2006.01) C10M 169/02 (2006.01) C10M 169/04 (2006.01)**
[25] EN
[54] **MANUFACTURING CALCIUM SULFONATE GREASES USING ALKALI METAL HYDROXIDE AND DELAYED ADDITION OF NON-AQUEOUS CONVERTING AGENTS**
[54] **FABRICATION DE GRAISSES DE SULFONATE DE CALCIUM A L'AIDE D'UN HYDROXYDE DE METAL ALCALIN ET PAR ADDITION DIFFEREE D'AGENTS DE CONVERSION NON AQUEUX**
[72] WAYNICK, JOHN A., US
[71] NCH CORPORATION, US
[85] 2018-07-05
[86] 2016-12-14 (PCT/US2016/066578)
[87] (WO2017/120000)
[30] US (14/990,473) 2016-01-07
[30] US (15/130,422) 2016-04-15

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[51] **Int.Cl. A23G 3/36 (2006.01) A23L 27/40 (2016.01) A23L 29/30 (2016.01) A23L 33/20 (2016.01) A23G 3/00 (2006.01) A23G 4/00 (2006.01)**
[25] EN
[54] **REDUCED SALT MIXTURES FOR CONFECTIONS**
[54] **MELANGES POUR CONFISERIES A TENEUR EN SEL REDUITE**
[72] RAMIREZ, LILIAN, US
[72] TRAN, LISA, US
[71] WM. WRIGLEY JR. COMPANY, US
[85] 2018-07-05
[86] 2017-01-13 (PCT/US2017/013397)
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[30] US (62/278,406) 2016-01-13

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[13] A1
[51] **Int.Cl. G06F 15/173 (2006.01) H04L 29/08 (2006.01) H04L 29/12 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTOMATICALLY BYPASSING NETWORK PROXIES IN THE PRESENCE OF INTERDEPENDENT TRAFFIC FLOWS**
[54] **PROCEDE ET SYSTEME DE CONTOURNEMENT AUTOMATIQUE DE MANDATAIRES DE RESEAU EN PRESENCE DE FLUX DE TRAFIC INTERDEPENDANTS**
[72] CHOQUETTE, GEORGE, US
[72] RAMACHANDRAN, GANESHAN, US
[72] JAVALI, NAGESH, US
[72] TORRES, ROB, US
[71] HUGHES NETWORK SYSTEMS, LLC, US
[85] 2018-07-05
[86] 2016-12-22 (PCT/US2016/068396)
[87] (WO2017/117015)
[30] US (14/986,588) 2015-12-31

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[51] **Int.Cl. C07D 487/04 (2006.01) A01N 43/90 (2006.01)**
[25] EN
[54] **HETEROCYCLENE DERIVATIVES AS PEST CONTROL AGENTS**
[54] **DERIVES HETEROCYCLES UTILISES EN TANT QUE PRODUITS DE LUTTE ANTIPARASITAIRE**
[72] WILCKE, DAVID, DE
[72] FISCHER, RUDIGER, DE
[72] HAGER, DOMINIK, DE
[72] HOFFMEISTER, LAURA, DE
[72] KAUSCH-BUSIES, NINA, DE
[72] ILG, KERSTIN, DE
[72] WILLOT, MATTHIEU, DE
[72] MOSRIN, MARC, DE
[72] GORGENS, ULRICH, DE
[72] PORTZ, DANIELA, DE
[72] EILMUS, SASCHA, DE
[72] TURBERG, ANDREAS, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-07-06
[86] 2017-01-05 (PCT/EP2017/050181)
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[51] **Int.Cl. C08L 9/06 (2006.01) C08F 297/04 (2006.01)**
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[54] **COUNTER TAPERED THERMOPLASTIC ELASTOMERS**
[54] **ELASTOMERES THERMOPLASTIQUES CONTRE CONIQUES**
[72] MOCTEZUMA ESPIRICUETO, SERGIO ALBERTO, MX
[72] MEXICANO GARCIA, JESUS ALBERTO, MX
[72] TIERRABLANCA, MALDONADO ELISA, MX
[72] HERNANDEZ ZAMORA, GABRIEL, MX
[72] ESQUIVEL DE LA GARZA, ALEJANDRO CLAUDIO, MX
[71] DYNASOL ELASTOMEROS, S.A. DE C.V., MX
[85] 2018-06-29
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[30] US (62/286,974) 2016-01-26

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[51] **Int.Cl. C12Q 1/68 (2018.01) G06F 19/18 (2011.01) G06F 19/22 (2011.01) G06F 19/24 (2011.01)**
[25] EN
[54] **A SYSTEM FOR DETERMINING DIPLOTYPES**
[54] **SYSTEME DE DETERMINATION DE DIPLOTYPES**
[72] TWIST, GREYSON, US
[72] MILLER, NEIL, US
[72] DINAKARPANDIAN, DEENDAYAL, US
[71] THE CHILDREN'S MERCY HOSPITAL, US
[71] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US
[85] 2018-07-05
[86] 2017-01-07 (PCT/US2017/012647)
[87] (WO2017/120556)
[30] US (62/275,975) 2016-01-07
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[51] **Int.Cl. F21S 4/20 (2016.01) H01L 25/075 (2006.01)**
[25] EN
[54] **LED LIGHT EMITTING STRIP AND ARRANGEMENT OF LED LIGHT EMITTING STRIPS**
[54] **BANDE EMETTRICE DE LUMIERE A DEL ET AGENCEMENT DE BANDES EMETTRICES DE LUMIERE A DEL**
[72] WINKLER, MARKUS, DE
[72] ENENKEL, MARTIN, DE
[72] BOTTCHER, MATTHIAS, DE
[71] PAVCON UG (HAFTUNGSBESCHRANKT), DE
[85] 2018-07-06
[86] 2017-01-12 (PCT/EP2017/050515)
[87] (WO2017/121773)
[30] US (14/996,429) 2016-01-15

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[51] **Int.Cl. A23L 11/10 (2016.01) A23L 11/20 (2016.01) A23L 11/30 (2016.01)**
[25] EN
[54] **LEGUME-BASED FOOD PRODUCTS**
[54] **PRODUITS ALIMENTAIRES A BASE DE LEGUMES**
[72] MORALES, CESAR VEGA, US
[72] SZLACHETKO, FERDYNAND, US
[71] MARS, INCORPORATED, US
[85] 2018-07-05
[86] 2017-01-13 (PCT/US2017/013502)
[87] (WO2017/123993)
[30] US (62/278,261) 2016-01-13

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[51] **Int.Cl. A21D 13/10 (2017.01) A23L 7/122 (2016.01) A23L 11/10 (2016.01) A23P 20/10 (2016.01)**
[25] EN
[54] **COATED LEGUME-BASED FOOD PRODUCTS**
[54] **PRODUITS ALIMENTAIRES ENROBES A BASE DE LEGUMES**
[72] MORALES, CESAR VEGA, US
[72] DOMBROSKI, AMY, US
[71] MARS, INCORPORATED, US
[85] 2018-07-05
[86] 2017-01-13 (PCT/US2017/013524)
[87] (WO2017/124009)
[30] US (62/278,251) 2016-01-13

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[51] **Int.Cl. C07C 29/141 (2006.01) C07C 29/145 (2006.01) C07C 29/60 (2006.01) C07C 31/20 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF ETHYLENE GLYCOL FROM SUGARS**
[54] **PROCEDE POUR LA PREPARATION D'ETHYLENE GLYCOL A PARTIR DE SUCRES**
[72] HOLM, MARTIN SPANGSBERG, DK
[72] OSMUNDSEN, CHRISTIAN MARUP, DK
[72] TAARNING, ESBEN, DK
[72] SOLVHOJ, AMANDA BIRGITTE, DK
[72] LARSEN, MORTEN BOBERG, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2018-07-06
[86] 2017-01-05 (PCT/EP2017/050183)
[87] (WO2017/118686)
[30] DK (PA 2016 00008) 2016-01-07

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[51] **Int.Cl. A61B 17/16 (2006.01) A61C 3/02 (2006.01) B23B 51/02 (2006.01)**
[25] EN
[54] **AUTOGRAFTING TOOL WITH ENHANCED FLUTE PROFILE AND METHODS OF USE**
[54] **OUTIL D'AUTO-GREFFAGE A PROFIL DE GOUJURE AMELIORE ET PROCEDES D'UTILISATION**
[72] HUWAIS, SALAH, US
[71] HUWAIS IP HOLDING LLC, US
[85] 2018-07-05
[86] 2017-01-17 (PCT/US2017/013697)
[87] (WO2017/124079)
[30] US (62/278,579) 2016-01-14

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[51] **Int.Cl. C07C 29/141 (2006.01) C07C 31/20 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF ETHYLENE GLYCOL FROM SUGARS**
[54] **PROCEDE DE PREPARATION D'ETHYLENE GLYCOL A PARTIR DE SUCRES**
[72] OSMUNDSEN, CHRISTIAN MARUP, DK
[72] TAARNING, ESBEN, DK
[72] LARSEN, MORTEN BOBERG, DK
[71] HALDOR TOPSOE A/S, DK
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[30] DK (PA 2016 00006) 2016-01-07

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[51] **Int.Cl. C12N 15/10 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **MODULATION OF ACCESSIBILITY OF HOST NUCLEIC ACIDS TO NUCLEIC ACID DIGESTING ENZYMES IN A CELLULAR BIOLOGICAL FLUIDS**
[54] **MODULATION DE L'ACCESSIBILITE D'ACIDES NUCLEIQUES HOTES A DES ENZYMES DE DIGESTION D'ACIDES NUCLEIQUES DANS DES FLUIDES BIOLOGIQUES CELLULAIRES**
[72] CABANNES, ERIC, FR
[71] PATHOQUEST, FR
[85] 2018-07-06
[86] 2017-01-06 (PCT/EP2017/050251)
[87] (WO2017/118719)
[30] EP (16150594.6) 2016-01-08
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[25] EN
[54] **INHIBITORS OF THE PD-1/PD-L1 PROTEIN/PROTEIN INTERACTION**
[54] **INHIBITEURS DE L'INTERACTION PROTEINE/PROTEINE PD-1/PD-L1**
[72] DOMLING, ALEXANDER, DE
[71] RIJKSUNIVERSITEIT GRONINGEN, NL
[85] 2018-07-06
[86] 2017-01-09 (PCT/EP2017/050344)
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[30] EP (16000022.0) 2016-01-08

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[51] **Int.Cl. B02C 4/30 (2006.01) B02C 15/00 (2006.01)**
[25] EN
[54] **WEAR-RESISTANT ELEMENT FOR A COMMINUTING DEVICE**
[54] **ELEMENT ANTI-USURE POUR DISPOSITIF DE FRAGMENTATION**
[72] IRMAK, BARIS, DE
[72] NEITEMEIER, INGO, DE
[72] TIGGES, MARC, DE
[71] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[71] THYSSENKRUPP AG, DE
[85] 2018-07-06
[86] 2017-01-12 (PCT/EP2017/050516)
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[30] DE (10 2016 200 911.7) 2016-01-22

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[51] **Int.Cl. A61K 35/17 (2015.01) A61K 38/17 (2006.01) A61P 37/02 (2006.01) C07K 14/705 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **CHIMERIC PROTEINS AND METHODS OF IMMUNOTHERAPY**
[54] **PROTEINES CHIMERIQUES ET PROCEDES D'IMMUNOTHERAPIE**
[72] QI, LEI S., US
[72] WANG, BING C., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2018-07-05
[86] 2017-01-10 (PCT/US2017/012881)
[87] (WO2017/123556)
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[30] US (62/351,522) 2016-06-17
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[25] EN
[54] **SUPPORTED IN VITRO DEVELOPED TISSUE CULTURE AND CULTURING METHODS**
[54] **CULTURE DE TISSU DEVELOPPE IN VITRO A SUPPORT, ET PROCEDES DE CULTURE**
[72] KNOBLICH, JURGEN, AT
[72] LANCASTER, MADELINE A., GB
[71] IMBA - INSTITUT FUR MOLEKULARE BIOTECHNOLOGIE GMBH, AT
[85] 2018-07-06
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[25] EN
[54] **EGF(A) ANALOGUES WITH FATTY ACID SUBSTITUENTS**
[54] **ANALOGUES D'EGF(A) AVEC SUBSTITUANTS ACIDES GRAS**
[72] CHEN, JIANHE, CN
[72] LAU, JESPER F., DK
[72] KODRA, JANOS TIBOR, DK
[72] WIECZOREK, BIRGIT, DK
[72] LINDEROTH, LARS, DK
[72] THOGERSEN, HENNING, DK
[72] RASMUSSEN, SALKA ELBOL, DK
[72] GARIBAY, PATRICK WILLIAM, DK
[71] NOVO NORDISK A/S, DK
[85] 2018-07-06
[86] 2017-01-13 (PCT/EP2017/050668)
[87] (WO2017/121850)
[30] CN (PCT/CN2016/070791) 2016-01-13
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[51] **Int.Cl. H04L 12/781 (2013.01) H04L 29/12 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM OF PROVIDING CARRIER GRADE NAT (CGN) TO A SUBSET OF A SUBSCRIBER BASE**
[54] **PROCEDE ET SYSTEME DE FOURNITURE DE NAT DE CLASSE TRANSPORTEUR (CGN) A UN SOUS-ENSEMBLE DE BASE D'ABONNES**
[72] JAVALI, NAGESH, US
[72] JAYANT, RAMAKRISHNAN, US
[72] TORRES, ROB, US
[71] HUGHES NETWORK SYSTEMS, LLC, US
[85] 2018-07-05
[86] 2016-12-22 (PCT/US2016/068403)
[87] (WO2017/117018)
[30] US (14/986,583) 2015-12-31

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[25] EN
[54] **DEVICE FOR AUTOMATICALLY CHANGING GRINDING DISCS**
[54] **DISPOSITIF DE CHANGEMENT AUTOMATIQUE DE DISQUES DE MEULAGE**
[72] STAUBLI, REMO, CH
[71] OTTO SUHNER AG, CH
[85] 2018-07-06
[86] 2017-02-01 (PCT/EP2017/052179)
[87] (WO2017/134122)
[30] CH (151/16) 2016-02-04

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[25] EN
[54] **ANTI-EGFR COMBINATIONS FOR TREATING TUMORS**
[54] **ASSOCIATIONS ANTI-EGFR POUR LE TRAITEMENT DE TUMEURS**
[72] LI, LIXIN, CN
[71] BIRDIE BIOPHARMACEUTICALS, INC., KY
[85] 2018-07-06
[86] 2017-01-06 (PCT/CN2017/070406)
[87] (WO2017/118406)
[30] CN (201610009256.8) 2016-01-07

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[51] **Int.Cl. C08J 3/12 (2006.01) B01J 2/00 (2006.01) E01C 13/08 (2006.01)**
[25] EN
[54] **ARTIFICIAL TURF INFILL AND METHOD FOR MAKING IT**
[54] **REMPLISSAGE DE GAZON ARTIFICIEL ET SON PROCEDE DE FABRICATION**
[72] SICK, STEPHAN, DE
[72] FINDER, ZDENKA, DE
[72] OWCZAREK-RYMAROWICZ, IZABELA, PL
[71] POLYTEX SPORTBELAGE PRODUKTIONS-GMBH, DE
[71] UNIRUBBER SP. Z.O.O., PL
[85] 2018-07-06
[86] 2017-03-02 (PCT/EP2017/054964)
[87] (WO2017/153261)
[30] EP (16159975.8) 2016-03-11

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/437 (2006.01) A61K 31/4375 (2006.01) A61K 31/4745 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-CD20 COMBINATIONS FOR TREATING TUMORS**
[54] **COMBINAISONS ANTI-CD20 POUR LE TRAITEMENT DES TUMEURS**
[72] LI, LIXIN, CN
[71] BIRDIE BIOPHARMACEUTICALS, INC., KY
[85] 2018-07-06
[86] 2017-01-06 (PCT/CN2017/070407)
[87] (WO2017/118407)
[30] CN (201610009214.4) 2016-01-07

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[51] **Int.Cl. H04B 7/185 (2006.01)**
[25] EN
[54] **POWER SPECTRAL DENSITY CONTROL USING AIS AND SPREADING IN AN AERONAUTICAL SATCOM TERMINAL USING A LOW PROFILE ANTENNA**
[54] **COMMANDE DE DENSITE SPECTRALE DE PUISSANCE PAR L'AIS ET ETALEMENT DANS UN TERMINAL DE SATCOM AERONAUTIQUE UTILISANT UNE ANTENNE DISCRETE**
[72] SALAMAT, BAHMAN, US
[72] LUNDSTEDT, JACK, US
[72] ANTIA, YEZDI, US
[72] MONTGOMERY, GUY, US
[72] SCHMID, JOHN, US
[71] HUGHES NETWORK SYSTEMS, LLC, US
[85] 2018-07-05
[86] 2016-12-22 (PCT/US2016/068406)
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[30] US (14/982,708) 2015-12-29

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[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/00 (2006.01) A61B 5/1486 (2006.01)**
[25] EN
[54] **ANALYTE MEASURING PATCH**
[54] **TIMBRE DE MESURE D'ANALYTE**
[72] KOELKER, KARL-HEINZ, DE
[72] WEHOWSKI, FREDERIC, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2018-07-06
[86] 2017-03-09 (PCT/EP2017/055504)
[87] (WO2017/153506)
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[51] **Int.Cl. A61K 35/545 (2015.01) C12N 5/00 (2006.01) C12N 5/04 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **METHODS AND VECTORS TO PRODUCE VECTOR FREE INDUCED PLURIPOTENT STEM CELLS**
[54] **METHODES ET VECTEURS POUR PRODUIRE DES CELLULES SOUCHES INDUITES NE CONTENANT PAS LE VECTEUR**
[72] ABRAHAM, EYTAN, US
[72] PAYNE, THOMAS, GB
[72] YOUNG, ROBERT J., GB
[72] FRIEDRICH BEN NUN, INBAR, US
[71] LONZA WALKERSVILLE, INC., US
[85] 2018-07-05
[86] 2017-01-12 (PCT/US2017/013229)
[87] (WO2017/123789)
[30] US (62/277,784) 2016-01-12

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **ANTI-HER2 COMBINATIONS FOR TREATING TUMORS**
[54] **COMBINAISONS ANTI-HER2 POUR LE TRAITEMENT DES TUMEURS**
[72] LI, LIXIN, CN
[71] BIRDIE BIOPHARMACEUTICALS, INC., CI
[85] 2018-07-06
[86] 2017-01-06 (PCT/CN2017/070404)
[87] (WO2017/118405)
[30] CN (201610009260.4) 2016-01-07

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[51] **Int.Cl. A63B 24/00 (2006.01) A63B 21/005 (2006.01) A63B 21/22 (2006.01) A63B 22/06 (2006.01) A63B 71/06 (2006.01) H04M 1/725 (2006.01)**
[25] EN
[54] **STATIONARY ERGOMETRIC EXERCISE DEVICE**
[54] **DISPOSITIF D'EXERCICE ERGOMETRIQUE STATIONNAIRE**
[72] BACANOVIC, MILAN, AT
[71] WATTBIKE IP LIMITED, GB
[85] 2018-07-06
[86] 2017-01-11 (PCT/GB2017/050062)
[87] (WO2017/122007)
[30] GB (1600466.5) 2016-01-11

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[51] **Int.Cl. F24F 11/30 (2018.01) F24F 1/06 (2011.01) F25B 49/02 (2006.01)**
[25] EN
[54] **ANTI-SLUGGING CONTROL METHOD AND CONTROL APPARATUS FOR AIR-CONDITIONING SYSTEM, AND AIR-CONDITIONING SYSTEM**
[54] **PROCEDE ET APPAREIL DE COMMANDE ANTI-COUPS DE LIQUIDE POUR SYSTEME DE CLIMATISATION ET SYSTEME DE CLIMATISATION ASSOCIE**
[72] XIE, WEIMIN, CN
[71] GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD., CN
[71] MIDEA GROUP CO., LTD., CN
[85] 2018-07-06
[86] 2017-06-22 (PCT/CN2017/089642)
[87] (WO2018/090626)
[30] CN (201611027983.3) 2016-11-17
[30] CN (201611034105.4) 2016-11-17

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[51] **Int.Cl. A61K 31/13 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SELECTIVE KILLING OF TUMORS OF THE HEMATOPOIETIC AND LYMPHOID TISSUES**
[54] **DESTRUCTION SELECTIVE DE TUMEURS DES TISSUS LYMPHOIDES ET HEMATOPOIETIQUES**
[72] BHAGWAT, ASHOK S., US
[71] BHAGWAT, ASHOK S., US
[85] 2018-07-05
[86] 2017-01-05 (PCT/US2017/012279)
[87] (WO2017/120296)
[30] US (62/274,939) 2016-01-05

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[51] **Int.Cl. G06N 5/00 (2006.01) G06F 15/18 (2006.01)**
[25] EN
[54] **METHOD AND VIRTUAL DATA AGENT SYSTEM FOR PROVIDING DATA INSIGHTS WITH ARTIFICIAL INTELLIGENCE**
[54] **PROCEDE ET SYSTEME D'AGENT VIRTUEL DE DONNEES POUR LA TRANSMISSION D'INDICES DE DONNEES AVEC UNE INTELLIGENCE ARTIFICIELLE**
[72] MEHTA, SUNIL, IN
[71] MEHTA, SUNIL, IN
[85] 2018-07-06
[86] 2017-01-09 (PCT/IN2017/050012)
[87] (WO2017/119006)
[30] IN (201611000820) 2016-01-08

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[51] **Int.Cl. E01H 12/00 (2006.01) A46B 5/02 (2006.01) A46B 7/06 (2006.01) A46B 17/06 (2006.01) B08B 1/00 (2006.01) E01H 1/00 (2006.01) E02B 15/10 (2006.01) A46B 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANUALLY CLEANING AN ENVIRONMENT OF A SUBSTANCE WITH AN OIL CONTENT AND HAND TOOLS AND THEIR CLEANING TOOLS FOR THE SYSTEM**
[54] **SYSTEME ET PROCEDE POUR NETTOYER MANUELLEMENT UN ENVIRONNEMENT D'UNE SUBSTANCE AYANT UNE TENEUR EN HUILE, OUTILS MANUELS ET LEURS OUTILS DE NETTOYAGE POUR LE SYSTEME**
[72] SAJAKORPI, KIMMO, FI
[72] HIRSIVUORI, TIMO, FI
[71] SAJAKORPI OY, FI
[85] 2018-07-06
[86] 2017-02-10 (PCT/FI2017/050077)
[87] (WO2017/137667)
[30] FI (20165100) 2016-02-10
[30] FI (20165597) 2016-07-22

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[51] **Int.Cl. A61K 31/194 (2006.01) A61K 9/12 (2006.01) A61K 33/26 (2006.01) A61P 7/06 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY WITH AN IRON COMPOUND AND A CITRATE COMPOUND**
[54] **POLYTHERAPIE COMPRENANT COMPOSE DE FER ET COMPOSE DE CITRATE**
[72] GUPTA, AJAY, US
[72] BRITTENHAM, GARY, US
[72] PRATT, RAYMOND, US
[72] LIN, VIVIAN H., US
[71] ROCKWELL MEDICAL, INC., US
[85] 2018-07-05
[86] 2017-01-05 (PCT/US2017/012300)
[87] (WO2017/120311)
[30] US (62/275,487) 2016-01-06
[30] US (62/432,564) 2016-12-09

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[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/02 (2012.01) G06Q 30/06 (2012.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RETAIL PRICING WITHIN PRODUCT LINKAGES**
[54] **SYSTEME ET PROCEDE DE FIXATION DES PRIX DE DETAIL DANS DES LIENS DE PRODUIT**
[72] RAGURAMAN, HARI, IN
[72] SURYANARAYANAN, HARIHARAN, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN
[85] 2018-07-06
[86] 2017-01-06 (PCT/IB2017/050054)
[87] (WO2017/118943)
[30] IN (201621000831) 2016-01-08

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[13] A1
[51] **Int.Cl. H04W 8/26 (2009.01) H04W 16/26 (2009.01) H04W 80/04 (2009.01) H04W 84/00 (2009.01)**
[25] EN
[54] **RELAY DEVICE, TERMINAL DEVICE, COMMUNICATION CONTROL DEVICE, AND METHOD**
[54] **DISPOSITIF DE RELAI, DISPOSITIF DE TERMINAL, DISPOSITIF DE CONTROLE DE COMMUNICATION ET METHODE**
[72] SAITO, SHIN, JP
[72] TERAOKA, FUMIO, JP
[71] SONY CORPORATION, JP
[85] 2018-07-06
[86] 2016-10-27 (PCT/JP2016/081953)
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[25] EN
[54] **PILOT DESIGN FOR UPLINK (UL) NARROW-BAND INTERNET OF THINGS (NB-IOT)**
[54] **CONCEPTION DE PILOTE POUR L'INTERNET DES OBJETS DE BANDE ETROITE (NB-IOT) DE LIAISON MONTANTE (UL)**
[72] FAKOORIAN, SEYED ALI AKBAR, US
[72] GAAL, PETER, US
[72] RICO ALVARINO, ALBERTO, US
[72] WANG, XIAOFENG, US
[72] CHEN, WANSHI, US
[72] WANG, RENQIU, US
[72] XU, HAO, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-07-05
[86] 2017-01-05 (PCT/US2017/012370)
[87] (WO2017/139047)
[30] US (62/292,830) 2016-02-08
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[54] **ANTENNA MAPPING AND DIVERSITY**
[54] **MAPPAGE D'ANTENNES ET DIVERSITE**
[72] NARDOZZA, GREGG S., US
[71] BLUE DANUBE SYSTEMS, INC., US
[85] 2018-07-05
[86] 2017-01-06 (PCT/US2017/012428)
[87] (WO2017/120403)
[30] US (62/276,311) 2016-01-08

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[25] EN
[54] **SYSTEM AND METHOD OF MARINE GEOPHYSICAL SURVEYS WITH DISTRIBUTED SEISMIC SOURCES**
[54] **SYSTEME ET PROCEDE DE LEVES GEOPHYSIQUES MARINS A SOURCES SISMIQUES DISTRIBUEES**
[72] TONNESSEN, RUNE, US
[72] OSCARSSON, MATTIAS D. C., US
[71] PGS GEOPHYSICAL AS, NO
[85] 2018-07-06
[86] 2017-01-10 (PCT/EP2017/050429)
[87] (WO2017/121735)
[30] US (62/277,128) 2016-01-11
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[25] EN
[54] **RECEPTION DEVICE, TRANSMISSION DEVICE, AND DATA PROCESSING METHOD**
[54] **DISPOSITIF DE RECEPTION, DISPOSITIF DE TRANSMISSION, ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] YAMAGISHI, YASUAKI, JP
[72] IGARASHI, TATSUYA, JP
[72] TAKABAYASHI, KAZUHIKO, JP
[72] KITAHARA, JUN, JP
[71] SONY CORPORATION, JP
[85] 2018-07-06
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[25] EN
[54] **GALENIC FORMULATIONS OF ORGANIC COMPOUNDS**
[54] **FORMES PHARMACEUTIQUES A BASE DE COMPOSES ORGANIQUES**
[72] WINZENBURG, GESINE, CH
[72] TRUEBY, BERND, CH
[72] CHEN, FABIAN, US
[72] AYALASOMAYAJULA, SURYA PRAKASH, US
[72] BUSH, CHRISTOPHER, US
[72] BERKHIN, MASHA, US
[71] NOVARTIS AG, CH
[85] 2018-07-06
[86] 2017-02-02 (PCT/IB2017/050569)
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[30] US (62/293,005) 2016-02-09

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[54] **COMBINATION OF AN IMMUNE CHECKPOINT MODULATOR AND A COMPLEX COMPRISING A CELL PENETRATING PEPTIDE, A CARGO AND A TLR PEPTIDE AGONIST FOR USE IN MEDICINE**
[54] **ASSOCIATION D'UN MODULATEUR DE POINTS DE CONTROLE IMMUNOLOGIQUES ET D'UN COMPLEXE COMPRENANT UN PEPTIDE DE PENETRATION CELLULAIRE, UN CARGO ET UN AGONISTE DES PEPTIDES TLR POUR UNE UTILISATION EN MEDECINE**
[72] DEROUAZI, MADIHA, CH
[72] BELNOUE, ELODIE, CH
[71] AMAL THERAPEUTICS SA, CH
[85] 2018-07-06
[86] 2017-03-14 (PCT/EP2017/056034)
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[51] **Int.Cl. A01K 61/80 (2017.01)**
[25] EN
[54] **METHOD FOR CALCULATING AMOUNT OF FEED AS FUNCTION OF TIME IN A FISH CAGE, FOR SUBSEQUENT FEEDING DAY**
[54] **PROCEDE DE CALCUL DE LA QUANTITE DE NOURRITURE EN FONCTION DU TEMPS DANS UNE CAGE A POISSONS, POUR UN JOUR DE NOURRISSAGE ULTERIEUR**
[72] MYHRE, VIDAR, NO
[71] MYHRE, VIDAR, NO
[85] 2018-07-06
[86] 2017-01-06 (PCT/NO2017/050004)
[87] (WO2017/119821)
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[51] **Int.Cl. A61K 38/22 (2006.01) A61K 31/137 (2006.01) A61K 38/08 (2006.01)**
[25] EN
[54] **METHODS FOR ADMINISTERING ANGIOTENSIN II**
[54] **METHODES D'ADMINISTRATION D'ANGIOTENSINE II**
[72] TIDMARSH, GEORGE, US
[72] CHAWLA, LAKHMIR, US
[71] LA JOLLA PHARMACEUTICAL COMPANY, US
[85] 2018-07-05
[86] 2017-01-06 (PCT/US2017/012485)
[87] (WO2017/120438)
[30] US (62/276,171) 2016-01-07
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[51] **Int.Cl. E21B 4/18 (2006.01) E21B 23/00 (2006.01) E21B 23/14 (2006.01)**
[25] EN
[54] **SLICK LINE AND/OR FIBRE OPTIC CABLE PULLING WELLBORE AND/OR TUBING PULLING TOOL AND A PROPULSION MODULE**
[54] **CABLE LISSE ET/OU PUITS DE FORAGE A TRACTION DE CABLE A FIBRE OPTIQUE ET/OU OUTIL DE TRACTION DE TUBAGE ET MODULE DE PROPULSION**
[72] FUGLESTAD, KENNETH, NO
[71] WELL CONVEYOR AS, NO
[85] 2018-07-06
[86] 2017-01-09 (PCT/NO2017/050006)
[87] (WO2017/119823)
[30] NO (20160042) 2016-01-08

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[51] **Int.Cl. E21B 33/10 (2006.01) F16J 15/16 (2006.01) F16J 15/32 (2016.01)**
[25] EN
[54] **SEALING APPARATUS FOR HIGH PRESSURE HIGH TEMPERATURE (HPHT) APPLICATIONS**
[54] **APPAREIL D'ETANCHEIFICATION POUR APPLICATIONS HAUTE PRESSION ET HAUTE TEMPERATURE (HPHT)**
[72] KOHN, GARY ALLEN, US
[72] FURLONG, SHANE PATRICK, US
[72] YIN, SHENGJUN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-07-06
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[25] EN
[54] **A METHOD TO MANUFACTURE A COLORED BLANK, AND BLANK**
[54] **PROCEDE DE FABRICATION D'UNE EBAUCHE TEINTEE, ET EBAUCHE**
[72] VOELKL, LOTHAR, DE
[72] FECHER, STEFAN, DE
[72] KUTZNER, MARTIN, DE
[72] OEFNER, TANJA, DE
[71] DENTSPLY SIRONA INC., US
[71] DEGUDENT GMBH, DE
[85] 2018-07-06
[86] 2017-03-20 (PCT/EP2017/056526)
[87] (WO2017/162571)
[30] DE (10 2016 105 482.8) 2016-03-23
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[25] EN
[54] **LIQUID ANT BAIT PACK WITH TEAR-AWAY TAB**
[54] **SACHET D'APPAT A FOURMIS LIQUIDE MUNI DE LANGUETTE DECHIRABLE**
[72] LUBIC, MARKO K., US
[71] WOODSTREAM CORPORATION, US
[85] 2018-07-06
[86] 2017-01-03 (PCT/US2017/012035)
[87] (WO2017/123432)
[30] US (14/992,823) 2016-01-11

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[25] EN
[54] **NONWOVEN FABRIC WITH IMPROVED HAND-FEEL**
[54] **ETOFFE NON TISSEE AVEC TOUCHER AMELIORE**
[72] ERLANDSSON, SVEN KRISTER, US
[72] SNIDER, JERRY, US
[72] DIETZ, ALBERT G., III, US
[72] GRONDIN, PIERRE, US
[72] MOODY, RALPH A., III, US
[71] AVINTIV SPECIALTY MATERIALS INC., US
[85] 2018-07-06
[86] 2017-01-05 (PCT/US2017/012283)
[87] (WO2017/120299)
[30] US (62/276,391) 2016-01-08

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[51] **Int.Cl. A61K 38/22 (2006.01) A61K 31/137 (2006.01) A61K 38/08 (2006.01)**
[25] EN
[54] **METHODS OF ADMINISTERING VASOPRESSORS**
[54] **PROCEDES D'ADMINISTRATION DE VASOPRESSEURS**
[72] CHAWLA, LAKHMIR, US
[71] LA JOLLA PHARMACEUTICAL COMPANY, US
[85] 2018-07-05
[86] 2017-01-06 (PCT/US2017/012487)
[87] (WO2017/120440)
[30] US (62/276,164) 2016-01-07
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[25] EN
[54] **MULTI-MODULAR POWER PLANT WITH OFF-GRID POWER SOURCE**
[54] **CENTRALE ELECTRIQUE MULTIMODULAIRE A BLOC D'ALIMENTATION AUTONOME**
[72] SNUGGERUD, ROSS, US
[72] HOUGH, TED, US
[71] NUSCALE POWER, LLC, US
[85] 2018-07-06
[86] 2016-12-05 (PCT/US2016/064992)
[87] (WO2017/142611)
[30] US (62/268,992) 2015-12-17
[30] US (62/312,094) 2016-03-23
[30] US (15/367,405) 2016-12-02

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[51] **Int.Cl. A01K 5/01 (2006.01) A47G 19/02 (2006.01)**
[25] EN
[54] **NON-SKID CONTAINER**
[54] **CONTENANT ANTIDERAPANT**
[72] SMALDONE, JAMES, US
[72] SMALDONE, AL, US
[71] ALFAY DESIGNS, INC., US
[85] 2018-07-06
[86] 2017-01-05 (PCT/US2017/012324)
[87] (WO2017/120329)
[30] US (14/991,314) 2016-01-08

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[51] **Int.Cl. H04W 4/12 (2009.01) H04W 4/14 (2009.01) H04N 21/80 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CUSTOMIZING ELECTRONIC INDICIA**
[54] **SYSTEMES ET PROCEDES DE PERSONNALISATION DE CODES-BARRES ELECTRONIQUES**
[72] BIGLEY, DAVID H., US
[71] ON MY WAVE LLC, US
[85] 2018-07-06
[86] 2016-12-28 (PCT/US2016/068919)
[87] (WO2017/123415)
[30] US (62/278,203) 2016-01-13
[30] US (15/389,768) 2016-12-23

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[51] **Int.Cl. A01N 1/02 (2006.01)**
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[54] **COMPOSITION AND METHODS FOR CRYOPRESERVATION OF HUTC**
[54] **COMPOSITION ET PROCEDES DE CRYOCONSERVATION DE HUTC**
[72] GOSIEWSKA, ANNA, US
[72] KIHM, ANTHONY J., US
[71] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2018-07-05
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[51] **Int.Cl. A61C 19/06 (2006.01)**
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[54] **TOOTH-WHITENING DEVICE**
[54] **DISPOSITIF DE BLANCHIMENT DES DENTS**
[72] NEWMAN, MATTHEW LLOYD, US
[72] ELLINGSON, KIMBERLY HORN, US
[72] KEITH, ELIZABETH LAUREN, US
[72] RAJAIAH, JAYANTH, US
[72] SAGEL, PAUL ALBERT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-07-06
[86] 2017-01-06 (PCT/US2017/012411)
[87] (WO2017/120393)
[30] US (14/990,775) 2016-01-07

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[51] **Int.Cl. A61K 31/4545 (2006.01) C07D 401/04 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **SOLID FORMS OF 2-(4-CHLOROPHENYL)-N-((2-(2,6-DIOXOPIPERIDIN-3-YL)-1-OXOISOINDOLIN-5-YL) METHYL)-2,2-DIFLUOROACETAMIDE, AND THEIR PHARMACEUTICAL COMPOSITIONS AND USES**
[54] **FORMES SOLIDES DE 2-(4-CHLOROPHENYL)-N-((2-2,6-DIOXOPIPERIDINE-3-YL)-1-OXOISOINDOLINE-5-YL)METHYL) -2,2-DIFLUOROACETAMIDE, COMPOSITIONS PHARMACEUTIQUES ET UTILISATIONS DE CELLES-CI**
[72] FERNANDEZ, PAUL F., US
[72] FERRETTI, ANTONIO C., US
[72] KOTHARE, MOHIT A., US
[72] LI, YING, US
[72] MAN, HON-WAH, US
[72] ZHANG, WEIHONG, US
[71] CELGENE CORPORATION, US
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[86] 2017-01-06 (PCT/US2017/012450)
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[30] US (62/276,750) 2016-01-08

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[51] **Int.Cl. A61C 19/06 (2006.01)**
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[54] **TOOTH-WHITENING PROCESS**
[54] **PROCEDE DE BLANCHIMENT DE DENT**
[72] NEWMAN, MATTHEW LLOYD, US
[72] ELLINGSON, KIMBERLY HORN, US
[72] KEITH, ELIZABETH LAUREN, US
[72] RAJAIAH, JAYANTH, US
[72] SAGEL, PAUL ALBERT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-07-06
[86] 2017-01-06 (PCT/US2017/012412)
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[51] **Int.Cl. A61K 31/454 (2006.01) C07D 401/04 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **ANTIPROLIFERATIVE COMPOUNDS, AND THEIR PHARMACEUTICAL COMPOSITIONS AND USES**
[54] **COMPOSES ANTIPROLIFERATIFS, LEURS COMPOSITIONS PHARMACEUTIQUES ET LEURS UTILISATIONS**
[72] ALEXANDER, MATTHEW D., US
[72] CORREA, MATTHEW D., US
[72] HANSEN, JOSHUA, US
[72] RAHEJA, RAJ KUMAR, US
[72] SAPIENZA, JOHN, US
[71] CELGENE CORPORATION, US
[85] 2018-07-06
[86] 2017-01-06 (PCT/US2017/012457)
[87] (WO2017/120422)
[30] US (62/276,763) 2016-01-08

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[51] **Int.Cl. A61K 31/454 (2006.01) C07D 401/04 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **FORMULATIONS OF 2-(4-CHLOROPHENYL)-N-((2-(2,6-DIOXOPIPERIDIN-3-YL)-1-OXOISOINDOLIN-5-YL)METHYL)-2,2-DIFLUOROACETAMIDE**
[54] **FORMULATIONS DE 2-(4-CHLOROPHENYL)-N-((2-(2,6-DIOXOPIPERIDIN-3-YL)-1-OXOISOINDOLIN-5-YL)METHYL)-2,2-DIFLUOROACETAMIDE**
[72] HUI, HO-WAH, US
[72] PU, YU, US
[71] CELGENE CORPORATION, US
[85] 2018-07-06
[86] 2017-01-06 (PCT/US2017/012483)
[87] (WO2017/120437)
[30] US (62/276,756) 2016-01-08

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[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] EN
[54] **AUTHENTICATING PAYMENT CREDENTIALS IN CLOSED LOOP TRANSACTION PROCESSING**
[54] **AUTHENTIFICATION DE JUSTIFICATIFS D'IDENTITE DE PAIEMENT DANS UN TRAITEMENT DE TRANSACTION EN BOUCLE FERMEE**
[72] ANTUNOVIC, ALEXANDER, US
[72] BOTES, CHARL FREDERIK, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-07-06
[86] 2017-01-06 (PCT/US2017/012431)
[87] (WO2017/120405)
[30] US (62/276,651) 2016-01-08
[30] US (15/009,612) 2016-01-28

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[25] EN
[54] **TREATMENT WITH GDF11 PREVENTS WEIGHT GAIN, IMPROVES GLUCOSE TOLERANCE AND REDUCES HEPATOSTEATOSIS**
[54] **UN TRAITEMENT PAR LE GDF11 PREVIENT LA PRISE DE POIDS, AMELIORE LA TOLERANCE AU GLUCOSE, ET DIMINUE LA STEATOSE HEPATIQUE**
[72] BARRANDON, ORNELLA, US
[72] POGGLIOLI, TOMMASO, US
[72] MELTON, DOUGLAS A., US
[72] LEE, RICHARD T., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2018-07-06
[86] 2017-01-06 (PCT/US2017/012505)
[87] (WO2017/120450)
[30] US (62/275,645) 2016-01-06

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[51] **Int.Cl. A01G 9/12 (2006.01) A01G 17/08 (2006.01)**
[25] EN
[54] **DUAL-PURPOSE CLIP**
[54] **ATTACHE A DOUBLE USAGE**
[72] NUDLER, AMOS, IL
[72] HORNER, GAL, IL
[71] PASKAL TECHNOLOGIES AGRICULTURE COOPERATIVE LTD., IL
[85] 2018-07-06
[86] 2017-01-12 (PCT/IL2017/000001)
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[30] US (62/277,519) 2016-01-12

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[13] A1
[51] **Int.Cl. A61K 31/454 (2006.01) C07D 401/04 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING CANCER AND THE USE OF BIOMARKERS AS A PREDICTOR OF CLINICAL SENSITIVITY TO THERAPIES**
[54] **METHODES DE TRAITEMENT DU CANCER ET UTILISATION DE BIOMARQUEURS EN TANT QUE FACTEURS PREDICTIFS DE LA SENSIBILITE CLINIQUE A DES TRAITEMENTS**
[72] FILVAROFF, ELLEN, US
[72] LOPEZ-GIRONA, ANTONIA, US
[72] LU, GANG, US
[71] CELGENE CORPORATION, US
[85] 2018-07-06
[86] 2017-01-06 (PCT/US2017/012496)
[87] (WO2017/120446)
[30] US (62/276,700) 2016-01-08
[30] US (62/404,638) 2016-10-05

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[13] A1
[51] **Int.Cl. H01R 39/34 (2006.01) H01R 39/06 (2006.01) H01R 39/10 (2006.01) H01R 39/18 (2006.01)**
[25] EN
[54] **CONTINUOUSLY ROTATABLE PLUG**
[54] **FICHE POUVANT TOURNER EN CONTINU**
[72] ALMOULI, ALON, IL
[71] ALMOULI, ALON, IL
[85] 2018-07-06
[86] 2017-01-08 (PCT/IL2017/050022)
[87] (WO2017/118988)
[30] US (62/275,315) 2016-01-06

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[13] A1
[51] **Int.Cl. G06F 3/0483 (2013.01) G06Q 30/02 (2012.01) G06F 3/0484 (2013.01) G06F 15/18 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **MACHINE LEARNING BASED WEBINTERFACE GENERATION AND TESTING SYSTEM**
[54] **SYSTEME DE GENERATION ET DE TEST D'UNE INTERFACE WEB SUR LA BASE D'UN APPRENTISSAGE MACHINE**
[72] ISCOE, NEIL, US
[72] MIIKKULAINEN, RISTO, US
[71] SENTIENT TECHNOLOGIES (BARBADOS) LIMITED, BB
[85] 2018-07-06
[86] 2017-01-05 (PCT/IB2017/050043)
[87] (WO2017/118936)
[30] US (62/275,074) 2016-01-05
[30] US (62/275,058) 2016-01-05

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[13] A1
[51] **Int.Cl. A61K 31/423 (2006.01) A61K 31/428 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **PROPHYLACTIC OR THERAPEUTIC AGENT FOR AUTISM SPECTRUM DISORDER**
[54] **AGENT PROPHYLACTIQUE OU THERAPEUTIQUE POUR TROUBLE DU SPECTRE DE L'AUTISME**
[72] HIRAI, KEISUKE, JP
[72] ISHIKAWA, TAKASHI, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2018-07-06
[86] 2017-01-05 (PCT/JP2017/000166)
[87] (WO2017/119455)
[30] US (62/276,354) 2016-01-08

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[54] **THERMOELECTRICALLY POWERED PORTABLE LIGHT SOURCE**
[54] **SOURCE DE LUMIERE PORTABLE A ALIMENTATION THERMOELECTRIQUE**
[72] MAKOSINSKI, ANN, CA
[72] MAKOSINSKI, ARTHUR, CA
[71] MAKOTRONICS ENTERPRISES INC., CA
[85] 2018-07-06
[86] 2017-01-06 (PCT/IB2017/050062)
[87] (WO2017/118947)
[30] US (14/991,740) 2016-01-08

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[25] EN
[54] **METHOD FOR PRODUCING HEPATIC STEM/PRECURSOR CELLS FROM MATURE HEPATIC CELLS USING LOW-MOLECULAR-WEIGHT COMPOUND**
[54] **PROCEDE DE PRODUCTION DE CELLULES SOUCHES/PRECURSEURS HEPATIQUES A PARTIR DE CELLULES HEPATIQUES MATURES A L'AIDE D'UN COMPOSE DE FAIBLE POIDS MOLECULAIRE**
[72] OCHIYA, TAKAHIRO, JP
[72] KATSUDA, TAKESHI, JP
[71] NATIONAL CANCER CENTER JAPAN, JP
[71] CYNITY CO., LTD., JP
[85] 2018-07-06
[86] 2017-01-06 (PCT/JP2017/000342)
[87] (WO2017/119512)
[30] JP (2016-003088) 2016-01-08

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[25] EN
[54] **NOVEL FUSION PROTEIN COMPRISING TRANSCRIPTION MODULATION DOMAIN OF P65 AND PROTEIN TRANSPORT DOMAIN AND USE THEREOF**
[54] **NOUVELLE PROTEINE DE FUSION COMPRENANT LE DOMAINE DE MODULATION DE TRANSCRIPTION DE P65 ET DOMAINE DE TRANSPORT DE PROTEINE ET SON UTILISATION**
[72] LEE, SANG KYOU, KR
[72] PARK, SUNG DONG, KR
[72] YANG, JUNG-JIN, KR
[71] LEE, SANG KYOU, KR
[85] 2018-07-05
[86] 2016-01-06 (PCT/KR2016/000104)
[87] (WO2017/119521)

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[51] **Int.Cl. E02D 17/20 (2006.01)**
[25] EN
[54] **REINFORCED GEOCELL AND A METHOD FOR PRODUCING SAME**
[54] **GEOCELLULE RENFORCEE ET METHODE DE PRODUCTION ASSOCIEE**
[72] AZARKH, MIKHAIL MIKHAILOVICH, RU
[72] ODINOKOV, ALEKSANDR VLADIMIROVICH, RU
[71] OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "MIKI", RU
[85] 2018-07-06
[86] 2017-03-13 (PCT/RU2017/050013)
[87] (WO2018/038646)
[30] RU (2016134935) 2016-08-26

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[25] EN
[54] **SYSTEMS AND METHODS TO PROVIDE WELD TRAINING**
[54] **SYSTEMES ET PROCEDES POUR PERMETTRE UN ENTRAINEMENT A LA SOUDURE**
[72] ALBRECHT, BRUCE PATRICK, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-07-06
[86] 2017-01-06 (PCT/US2017/012563)
[87] (WO2017/120491)
[30] US (62/276,290) 2016-01-08
[30] US (15/400,509) 2017-01-06

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[51] **Int.Cl. A61K 31/7088 (2006.01) C12N 5/0783 (2010.01) G01N 33/48 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR SCREENING AND DIAGNOSIS OF PROSTATE CANCER**
[54] **COMPOSITIONS ET METHODES POUR LE DEPISTAGE ET LE DIAGNOSTIC DU CANCER DE LA PROSTATE**
[72] SWEENEY, CHRISTOPHER, US
[72] KANTOFF, PHILIP, US
[72] LEE, GWO-SHU MARY, US
[72] KOMURA, KAZUMASA, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2018-06-27
[86] 2016-12-30 (PCT/US2016/069383)
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[25] EN
[54] **HEATING ELEMENT FOR SENSOR ARRAY**
[54] **ELEMENT CHAUFFANT POUR RESEAU DE CAPTEURS**
[72] SAMPRONI, JENNIFER A., US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2018-07-06
[86] 2017-01-06 (PCT/US2017/012526)
[87] (WO2017/120464)
[30] US (62/276,561) 2016-01-08
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[51] **Int.Cl. A61K 38/20 (2006.01) A61K 39/395 (2006.01) A61P 27/02 (2006.01) A61P 27/04 (2006.01) C07K 14/54 (2006.01) C07K 16/24 (2006.01)**
[25] EN
[54] **THERAPEUTICS FOR OCULAR IMMUNOINFLAMMATORY DISEASES**
[54] **THERAPEUTIQUE POUR MALADIES IMMUNO-INFLAMMATOIRES OCULAIRES**
[72] DANA, REZA, US
[72] CHAUHAN, SUNIL, US
[72] CHEN, YIHE, US
[71] THE SCHEPENS EYE RESEARCH INSTITUTE, INC., US
[85] 2018-07-06
[86] 2017-01-06 (PCT/US2017/012547)
[87] (WO2017/120479)
[30] US (62/275,946) 2016-01-07

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[25] EN
[54] **GEL COMPOSITIONS FOR TRANSDERMAL DELIVERY TO MAXIMIZE DRUG CONCENTRATIONS IN THE STRATUM CORNEUM AND SERUM AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS DE GEL POUR ADMINISTRATION TRANSDERMIQUE PERMETTANT DE MAXIMISER LA CONCENTRATION DE MEDICAMENTS AU NIVEAU DU STRATUM CORNEUM ET DU SERUM, ET METHODES D'UTILISATION DE CES DERNIERES**
[72] BOLOGNA, WILLIAM, US
[72] LARSEN, FINN, GB
[71] VIRAMAL LIMITED, GB
[85] 2018-07-06
[86] 2017-01-06 (PCT/US2017/012564)
[87] (WO2017/120492)
[30] US (62/275,955) 2016-01-07
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[51] **Int.Cl. A41D 13/11 (2006.01) A42B 3/28 (2006.01) A62B 18/02 (2006.01)**
[25] EN
[54] **DONNABLE BARRIER SYSTEMS, DEVICES, AND METHODS WITH TOUCHLESS CONTROL**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE BARRIERE POUVANT ETRE PORTES ET COMPRENANT UNE FONCTIONNALITE DE COMMANDE SANS CONTACT**
[72] ROSATI, GIORGIO, IT
[72] GRUBER, PAUL, AT
[72] NICKL, RICHARD, AT
[72] CARGILLE, DAVID LEE, US
[71] THI TOTAL HEALTHCARE INNOVATION GMBH, AT
[85] 2018-07-06
[86] 2017-01-07 (PCT/US2017/012654)
[87] (WO2017/120562)
[30] US (62/275,995) 2016-01-07

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[25] EN
[54] **ELECTRIC SUBMERSIBLE PUMP WITH ULTRASOUND FOR SOLID BUILDUP REMOVAL**
[54] **POMPE SUBMERSIBLE ELECTRIQUE A ULTRASONS POUR ELIMINATION D'ACCUMULATION DE SOLIDES**
[72] XIAO, JINJIANG, SA
[72] LASTRA, RAFAEL ADOLFO, SA
[72] SHEPLER, RANDALL, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2018-07-05
[86] 2017-01-20 (PCT/US2017/014315)
[87] (WO2017/127667)
[30] US (15/004,304) 2016-01-22

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[51] **Int.Cl. H04L 5/00 (2006.01) H04L 25/02 (2006.01)**
[25] EN
[54] **DOWNLINK COMMON BURST CHANNELIZATION**
[54] **DECOUPAGE EN CANAUX DE RAFALE DE LIAISON DESCENDANTE COMMUNE**
[72] JI, TINGFANG, US
[72] SMEE, JOHN EDWARD, US
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] ZENG, WEI, US
[72] JIANG, JING, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-07-05
[86] 2017-01-20 (PCT/US2017/014439)
[87] (WO2017/132070)
[30] US (62/288,374) 2016-01-28
[30] US (15/182,433) 2016-06-14

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[51] **Int.Cl. G06F 15/16 (2006.01) G06Q 30/02 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **PREDICTIVE MODELING OF ATTRIBUTION**
[54] **MODELISATION PREDICTIVE D'ATTRIBUTION**
[72] BINDRA, DEX, US
[72] NIMEROFF, JEFFREY S., US
[72] WALSH, THOMAS, US
[71] ZETA GLOBAL CORP., US
[85] 2018-07-06
[86] 2017-02-10 (PCT/US2017/017475)
[87] (WO2017/139647)
[30] US (62/294,689) 2016-02-12

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[13] A1
[51] **Int.Cl. G06Q 40/00 (2012.01) G06Q 40/04 (2012.01) G06Q 40/06 (2012.01)**
[25] EN
[54] **PRIORITY MATCHING FOR MAKER ORDERS EXHIBITING DELAYED CANCELATION**
[54] **CORRESPONDANCE DE PRIORITE POUR COMMANDES DE FABRICANT PRESENTANT UNE ANNULATION DIFFEREE**
[72] MELTON, HAYDEN PAUL, US
[71] THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY, CH
[85] 2018-07-06
[86] 2017-02-13 (PCT/US2017/017633)
[87] (WO2017/139744)
[30] US (62/293,848) 2016-02-11

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[13] A1
[51] **Int.Cl. H01L 31/107 (2006.01) H01L 31/054 (2014.01) H01L 31/0376 (2006.01)**
[25] EN
[54] **SELENIUM PHOTOMULTIPLIER AND METHOD FOR FABRICATION THEREOF**
[54] **PHOTOMULTIPLICATEUR A SELENIUM ET SON PROCEDE DE FABRICATION**
[72] GOLDAN, AMIRHOSSEIN, US
[72] ZHAO, WEI, US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[85] 2018-07-06
[86] 2017-01-09 (PCT/US2017/012714)
[87] (WO2017/120583)
[30] US (62/275,927) 2016-01-07

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[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/404 (2006.01) A61K 31/4439 (2006.01) A61K 31/454 (2006.01) A61K 31/4545 (2006.01) A61P 35/00 (2006.01) C07D 209/14 (2006.01) C07D 401/14 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 409/12 (2006.01) G01N 33/15 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **METHODS AND COMPOUNDS FOR RESTORING MUTANT P53 FUNCTION**
[54] **METHODES ET COMPOSES POUR LA RESTAURATION DE LA FONCTION DU P53 MUTANT**
[72] VU, BINH, US
[72] DOMINIQUE, ROMYR, US
[72] LI, HONGJU, US
[71] PMV PHARMACEUTICALS, INC., US
[85] 2018-07-06
[86] 2017-02-17 (PCT/US2017/018511)
[87] (WO2017/143291)
[30] US (62/297,450) 2016-02-19

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[51] **Int.Cl. A61K 31/352 (2006.01) A61K 31/517 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07D 311/58 (2006.01)**
[25] EN
[54] **COMBINATION OF A CHROMENE COMPOUND AND A SECOND ACTIVE AGENT**
[54] **COMBINAISON D'UN COMPOSE DE CHROMENE ET D'UN SECOND AGENT ACTIF**
[72] TALLEY, JOHN J., US
[72] SANDAGE, BOBBY W., US
[72] MARTINEZ, EDUARDO J., US
[71] EUCLISES PHARMACEUTICALS, INC., US
[85] 2018-07-06
[86] 2017-01-09 (PCT/US2017/012737)
[87] (WO2017/120591)
[30] US (62/276,713) 2016-01-08
[30] US (62/277,225) 2016-01-11

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[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AEROSOL-GENERATING ARTICLE HAVING MULTIPLE FUSES**
[54] **ARTICLE DE GENERATION D'AEROSOL POURVU DE MULTIPLES FUSIBLES**
[72] REEVELL, TONY, GB
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-07-09
[86] 2017-03-08 (PCT/EP2017/055431)
[87] (WO2017/153467)
[30] EP (16159517.8) 2016-03-09

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[51] **Int.Cl. H01L 31/08 (2006.01) H01L 27/146 (2006.01) H01L 31/0224 (2006.01) H01L 31/0392 (2006.01) H01L 31/107 (2006.01)**
[25] EN
[54] **MULTI-WELL SELENIUM DEVICE AND METHOD FOR FABRICATION THEREOF**
[54] **DISPOSITIF MULTI-PUITS A BASE DE SELENIUM ET SON PROCEDE DE FABRICATION**
[72] GOLDAN, AMIRHOSSEIN, US
[72] ZHAO, WEI, US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
[85] 2018-07-06
[86] 2017-01-09 (PCT/US2017/012712)
[87] (WO2017/120582)
[30] US (62/275,919) 2016-01-07

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[51] **Int.Cl. D21F 7/00 (2006.01)**
[25] EN
[54] **FIBROUS WEB DEWATERING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE D'EGOUTTAGE DE VOILE FIBREUX**
[72] SEYMOUR, ROBERT JAMES, US
[72] HASSMAN, MARK JOHN, US
[72] BESAW, CRAIG STEVEN, US
[72] RAMAZANI-REND, REZA, US
[72] RUDOLPH, JASON MICHAEL, US
[72] JENN, THOMAS MCLACHLAN, US
[72] CHAI, LUCIA YIYI, US
[72] NELSON, SAMUEL AUGUST, US
[71] KIMBERLY-CLARK WORLDWIDE, INC, US
[85] 2018-07-09
[86] 2017-01-24 (PCT/US2017/014693)
[87] (WO2017/132123)
[30] US (62/288,108) 2016-01-28

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[13] A1
[51] **Int.Cl. F28D 3/00 (2006.01) F28F 1/02 (2006.01) F28F 13/00 (2006.01)**
[25] EN
[54] **IMPROVEMENT OF THERMAL CAPACITY OF ELLIPTICALLY FINNED HEAT EXCHANGER**
[54] **AMELIORATION DE LA CAPACITE THERMIQUE D'UN ECHANGEUR DE CHALEUR A AILETTES ELLIPTIQUES**
[72] BUGLER, THOMAS W., US
[71] EVAPCO, INC., US
[85] 2018-07-06
[86] 2017-01-09 (PCT/US2017/012765)
[87] (WO2017/120603)
[30] US (62/276,328) 2016-01-08
[30] US (15/402,069) 2017-01-09

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[13] A1
[51] **Int.Cl. A61K 47/02 (2006.01) A61K 31/352 (2006.01) A61K 31/505 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING NEBIVOLOL WITH IMPROVED DISSOLUTION RATE**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DU NEBIVOLOL A TAUX DE DISSOLUTION AMELIORE**
[72] DHONG, EUL WON, KR
[72] HU, HONG GU, KR
[72] KIM, HAE YANG, KR
[72] SHIN, HYE-GYEONG, KR
[72] PARK, HYO-JIN, KR
[72] PARK, SANG-GEUN, KR
[71] ELYSON PHARM, KR
[85] 2018-07-06
[86] 2016-12-16 (PCT/KR2016/014771)
[87] (WO2017/119629)
[30] KR (10-2016-0002626) 2016-01-08
[30] KR (10-2016-0171842) 2016-12-15

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[51] **Int.Cl. C08L 23/12 (2006.01) B32B 27/32 (2006.01) C08L 23/16 (2006.01) C08L 51/06 (2006.01) C09J 151/06 (2006.01)**
[25] EN
[54] **POLYOLEFIN-BASED COMPOSITIONS, ADHESIVES, AND RELATED MULTI-LAYERED STRUCTURES PREPARED THEREFROM**
[54] **COMPOSITIONS A BASE DE POLYOLEFINE, ADHESIFS, ET STRUCTURES MULTI-COUCHES APPARENTEES PREPAREES A PARTIR DE CES DERNIERES**
[72] LEE, CHUN D., US
[71] EQUISTAR CHEMICALS, LP, US
[85] 2018-07-09
[86] 2017-01-12 (PCT/US2017/013220)
[87] (WO2017/123782)
[30] US (62/278,145) 2016-01-13

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[51] **Int.Cl. G01N 29/07 (2006.01) G01N 29/14 (2006.01)**
[25] EN
[54] **CRACK DETECTION IN HIGH PRESSURE BOREHOLE TUBULARS USING ACOUSTIC EMISSION**
[54] **DETECTION DE FISSURES DANS DES SECTIONS TUBULAIRES DE TROU DE FORAGE A HAUTE PRESSION AU MOYEN D'EMISSIONS ACOUSTIQUES**
[72] ROHACH, TIMOTHY J., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-07-09
[86] 2017-01-10 (PCT/US2017/012845)
[87] (WO2017/123543)
[30] US (62/277,695) 2016-01-12
[30] US (15/400,260) 2017-01-06

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[13] A1
[51] **Int.Cl. A61K 31/352 (2006.01) A61K 9/00 (2006.01) A61L 9/14 (2006.01)**
[25] EN
[54] **FOOD BASED DELIVERY OF CANNABINOIDS**
[54] **ADMINISTRATION DE CANNABINOIDES PAR L'INTERMEDIAIRE D'ALIMENTS**
[72] SIEGEL, COREY A., US
[72] KORZENIK, JOSHUA, US
[72] ALLIO, MICHAEL, US
[72] STERN, HERBERT B., US
[71] COLONARYCONCEPTS LLC, US
[85] 2018-07-06
[86] 2017-01-06 (PCT/US2017/012622)
[87] (WO2017/120535)
[30] US (62/276,687) 2016-01-08
[30] US (62/276,685) 2016-01-08

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR TREATING POSTERIOR OCULAR DISORDERSWITH AFLIBERCEPT AND OTHER BIOLOGICS**
[54] **METHODES ET DISPOSITIFS POUR LE TRAITEMENT DE TROUBLES OCULAIRES POSTERIEURS AVEC L'AFLIBERCEPT ET D'AUTRES SUBSTANCES BIOLOGIQUES**
[72] PATEL, SAMIRKUMAR, US
[71] CLEARSIDE BIOMEDICAL, INC., US
[85] 2018-07-06
[86] 2017-01-09 (PCT/US2017/012757)
[87] (WO2017/120601)
[30] US (62/276,543) 2016-01-08
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[51] **Int.Cl. A47B 21/013 (2006.01) A61B 34/30 (2016.01) A61B 90/50 (2016.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR POSITIONING A WORKSTATION FOR CONTROLLING A ROBOTIC SYSTEM**
[54] **PROCEDE ET APPAREIL POUR POSITIONNER UN POSTE DE TRAVAIL POUR COMMANDER UN SYSTEME ROBOTIQUE**
[72] LUTZOW, THOMAS ANDREW, US
[72] BACHER, DANIEL, CA
[71] TITAN MEDICAL INC., CA
[85] 2018-07-06
[86] 2016-12-13 (PCT/CA2016/000316)
[87] (WO2017/124170)
[30] US (62/280,230) 2016-01-19

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[51] **Int.Cl. C08G 18/48 (2006.01) C08G 18/32 (2006.01) C08G 18/66 (2006.01) C08G 18/76 (2006.01) C08K 5/103 (2006.01) C08K 5/315 (2006.01)**
[25] EN
[54] **METHOD FOR THE REDUCTION OF ALDEHYDE EMISSION IN POLYURETHANE FOAM**
[54] **PROCEDE DE REDUCTION D'EMISSION D'ALDEHYDE DANS UNE MOUSSE DE POLYURETHANNE**
[72] WELVAERT, INGRID, BE
[72] DRIES, GEERT LODEWIJK, BE
[72] BOSMAN, JORIS KAREL PETER, BE
[71] HUNTSMAN INTERNATIONAL LLC, US
[85] 2018-07-06
[86] 2017-02-06 (PCT/EP2017/052517)
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[30] EP (16154445.7) 2016-02-05

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[51] **Int.Cl. A61K 31/352 (2006.01) A61K 31/395 (2006.01) A61K 47/00 (2006.01)**
[25] EN
[54] **FOOD BASED DELIVERY OF THERAPEUTIC AGENT FOR TREATMENT OF HEPATIC ENCEPHALOPATHY**
[54] **ADMINISTRATION D'UN AGENT THERAPEUTIQUE A BASE D'UN ALIMENT POUR LE TRAITEMENT D'UNE ENCEPHALOPATHIE HEPATIQUE**
[72] SIEGEL, COREY A., US
[72] KORZENIK, JOSHUA, US
[72] ALLIO, MICHAEL, US
[72] STERN, HERBERT B., US
[71] COLONARYCONCEPTS LLC, US
[85] 2018-07-06
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[25] EN
[54] **DETECTING A SUBSTRATE**
[54] **DETECTION D?UN SUBSTRAT**
[72] VARSHAVSKAYA, PAULINA, US
[72] SHAFER, EDWARD, US
[72] QUARRE, STEVE, US
[72] SEUBERT, RONALD C., US
[71] RARECYTE, INC., US
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[86] 2016-01-07 (PCT/US2016/012426)
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[54] **FROZEN CONFECTION**
[54] **CONFISERIE CONGELEE**
[72] MAYES, DANIEL MATTHEW, GB
[72] OPPONG, FELIX KWADWO, GB
[72] WIX, LOYD, GB
[71] UNILEVER PLC, GB
[85] 2018-07-09
[86] 2017-01-06 (PCT/EP2017/050249)
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[25] EN
[54] **MINERAL FIBER BASED CEILING TILE**
[54] **DALLE DE PLAFOND A BASE DE FIBRES MINERALES**
[72] FRANK, WILLIAM A., US
[72] LANGDON, MATTHEW T., US
[72] LUAN, WENQI, US
[72] BROWN, MARTIN W., US
[71] USG INTERIORS, LLC, US
[85] 2018-07-09
[86] 2016-04-28 (PCT/US2016/029653)
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[30] US (14/995,213) 2016-01-14
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[51] **Int.Cl. A61M 1/34 (2006.01)**
[25] EN
[54] **BLOOD FILTERING COMPONENT, APPARATUS, AND METHOD**
[54] **COMPOSANT DE FILTRATION DE SANG, APPAREIL, ET PROCEDE**
[72] FISHER, THERESA, US
[72] PARUNAK, GENE, US
[72] ROUTSON, RICK, US
[72] MEINES, STEVE, US
[72] HENKER, GILLIAN, US
[72] WINGET, CAITLIN, US
[72] KUMAR, RAJEN, US
[71] SISU GLOBAL HEALTH, INC., US
[85] 2018-07-09
[86] 2016-05-31 (PCT/US2016/035113)
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[30] US (62/276,817) 2016-01-08
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[25] EN
[54] **BIOPHOTONIC COMPOSITIONS FOR THE TREATMENT OF PYODERMA**
[54] **COMPOSITIONS BIOPHOTONIQUES POUR LE TRAITEMENT DE LA PYODERMITE**
[72] BELLINI, FRANCESCO, CA
[72] SPATERNA, ANDREA, IT
[72] LOUPIS, NIKOLAOS, GR
[72] PIERGALLINI, REMIGIO, IT
[72] BELLINI, FRANCESCO, CA
[72] MARCHEGIANI, ANDREA, IT
[71] KLOX TECHNOLOGIES LIMITED, IE
[71] SPATERNA, ANDREA, IT
[71] LOUPIS, NIKOLAOS, GR
[71] PIERGALLINI, REMIGIO, IT
[71] BELLINI, FRANCESCO, CA
[71] MARCHEGIANI, ANDREA, IT
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[25] EN
[54] **MINIATURE PRINTED CIRCUIT BOARD MOUNTED HAPTIC DEVICE**
[54] **DISPOSITIF HAPTIQUE MONTE SUR CARTE DE CIRCUIT IMPRIME MINIATURE**
[72] STOUFER, PAUL, US
[71] ELECTROLUX HOME PRODUCTS, INC., US
[85] 2018-07-09
[86] 2017-01-12 (PCT/IB2017/050168)
[87] (WO2017/122152)
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR INFLUENZA VACCINATION**
[54] **METHODES ET COMPOSITIONS POUR LA VACCINATION CONTRE LE VIRUS DE LA GRIPPE**
[72] BALINT, JOSEPH, US
[72] JONES, FRANK R., US
[72] RICE, ADRIAN, US
[72] GABITZSCH, ELIZABETH, US
[72] LATCHMAN, YVETTE, US
[71] ETUBICS CORPORATION, US
[85] 2018-07-06
[86] 2017-01-13 (PCT/US2017/013480)
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[30] US (62/279,267) 2016-01-15
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[51] **Int.Cl. A24B 15/16 (2006.01) A24B 3/12 (2006.01) A24B 15/18 (2006.01) A24B 15/24 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING A PRE-VAPOR FORMULATION INCLUDING VOLATILES**
[54] **PROCEDE DE FABRICATION D'UNE FORMULATION PRE-VAPEUR COMPRENANT DES SUBSTANCES VOLATILES**
[72] KARLES, GEORGIOS D., US
[72] LI, SAN, US
[72] RAGLAND, BEN, US
[72] LI, WEILING, US
[72] SENA, ERICA, US
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-07-09
[86] 2017-02-24 (PCT/EP2017/054413)
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[51] **Int.Cl. G21C 3/58 (2006.01) G21C 3/42 (2006.01) G21C 3/62 (2006.01)**
[25] EN
[54] **FUEL FOR WATER-COOLED NUCLEAR REACTORS**
[54] **COMBUSTIBLE POUR REACTEURS NUCLEAIRES REFROIDIS A L'EAU**
[72] JOLKKONEN, MIKAEL, SE
[72] JOHNSON, KYLE, SE
[72] WALLENIUS, JANNE, US
[71] BLYKALLA REAKTORER STOCKHOLM AB, SE
[85] 2018-07-09
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[51] **Int.Cl. F16B 25/00 (2006.01)**
[25] EN
[54] **PLASTIC THREAD ELEMENT AND CONNECTION ASSEMBLY CONSISTING OF A PLASTIC SUPPORT PART AND A PLASTIC THREAD ELEMENT**
[54] **ELEMENT FILETE EN PLASTIQUE ET DISPOSITIF DE RACCORDEMENT CONSTITUE D'UNE PIECE DE SUPPORT EN PLASTIQUE ET D'UN ELEMENT FILETE EN PLASTIQUE**
[72] VORDERWISCH, ALEXANDER, DE
[71] BOLLHOFF VERBINDUNGSTECHNIK GMBH, DE
[85] 2018-07-09
[86] 2017-01-30 (PCT/EP2017/051918)
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[54] **SAFE SYRINGE**
[54] **SERINGUE DE SECURITE**
[72] LU, WEN-CHIN, CN
[71] LU, WEN-CHIN, CN
[85] 2018-07-09
[86] 2016-12-26 (PCT/CN2016/112099)
[87] (WO2017/118308)
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[51] **Int.Cl. E21B 25/00 (2006.01) E21B 10/02 (2006.01) E21B 25/10 (2006.01)**
[25] EN
[54] **INNER BARREL CRIMPING CONNECTION FOR A CORING TOOL**
[54] **RACCORD PAR SERTISSAGE DE TUBE INTERNE POUR UN OUTIL DE CAROTTAGE**
[72] MAGEREN, OLIVIER, BE
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-07-04
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[25] EN
[54] **SYSTEMS AND APPARATUS FOR GAIT MODULATION AND METHODS OF USE**
[54] **SYSTEMES ET APPAREIL POUR LA MODULATION DE LA DEMARCHE ET PROCEDES D'UTILISATION**
[72] MCBRIDE, KEITH SEAN, US
[71] BIONESS INC., US
[85] 2018-07-06
[86] 2017-01-11 (PCT/US2017/012977)
[87] (WO2017/123608)
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[51] **Int.Cl. E04D 1/12 (2006.01)**
[25] EN
[54] **ROOF TILE FOR FORMING A ROOF COVERING, METHOD FOR MANUFACTURING A ROOF TILE AND METHOD FOR INSTALLING ROOF TILES**
[54] **TUILE POUR FORMATION D'UNE COUVERTURE DE TOIT, PROCEDE DE FABRICATION D'UNE TUILE ET PROCEDE D'INSTALLATION DE TUILES**
[72] PATKI, RAHUL, US
[72] ADAMS, TERRY, US
[72] RODRIGUEZ, RAUL, US
[72] CASELLI, CLAUDIO, US
[71] MOHAWK CARPET LLC, US
[85] 2018-07-06
[86] 2017-01-27 (PCT/US2017/015217)
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[30] US (62/288,675) 2016-01-29
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[25] EN
[54] **FALL BACK TRAJECTORY SYSTEMS FOR AUTONOMOUS VEHICLES**
[54] **SYSTEMES DE TRAJECTOIRE DE REPLI POUR VEHICULES AUTONOMES**
[72] BARTON-SWEENEY, ANDREW, US
[72] EGNOR, DANIEL TRAWICK, US
[72] FAIRFIELD, NATHANIEL, US
[71] WAYMO LLC, US
[85] 2018-07-09
[86] 2016-12-22 (PCT/US2016/068233)
[87] (WO2017/120057)
[30] US (14/991,150) 2016-01-08
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[25] EN
[54] **METHODS FOR THE TREATMENT OF MYELOID DERIVED SUPPRESSOR CELLS RELATED DISORDERS**
[54] **METHODES POUR LE TRAITEMENT DE TROUBLES ASSOCIES A DES CELLULES SUPPRESSIVES DERIVEES DE CELLULES MYELOIDES**
[72] TAVAZOIE, SOHAIL, US
[72] TAVAZOIE, MASOUD, US
[71] THE ROCKEFELLER UNIVERSITY, US
[85] 2018-07-09
[86] 2017-01-11 (PCT/US2017/012906)
[87] (WO2017/123568)
[30] US (62/277,260) 2016-01-11
[30] US (62/332,963) 2016-05-06

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[13] A1
[51] **Int.Cl. C05G 3/00 (2006.01) C05G 1/00 (2006.01)**
[25] EN
[54] **DUST AND ANTICAKING RESISTANT FERTILIZER**
[54] **ENGRAIS RESISTANT A L'AGGLUTINATION ET A LA POUSSIERE**
[72] OGZEWALLA, MARK B., US
[72] CARLINI, ARCHIMEDO MARIO, JR., US
[72] BARNAT, JAMES J., US
[71] ARR-MAZ PRODUCTS, L.P., US
[85] 2018-07-09
[86] 2017-01-12 (PCT/US2017/013196)
[87] (WO2017/123762)
[30] US (62/279,289) 2016-01-15
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[51] **Int.Cl. H04L 9/32 (2006.01)**
[25] EN
[54] **DEVICE COMMUNICATION MANAGEMENT IN A COMMUNICATION SYSTEM**
[54] **DISPOSITIF DE GESTION DE COMMUNICATION DANS UN SYSTEME DE COMMUNICATION**
[72] CHA, DAVID S., US
[71] OMNITRACS, LLC, US
[85] 2018-07-09
[86] 2017-01-09 (PCT/US2017/012773)
[87] (WO2017/123508)
[30] US (14/994,381) 2016-01-13

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[51] **Int.Cl. A61K 41/00 (2006.01) A61P 17/02 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **BIOPHOTONIC COMPOSITIONS FOR TREATING SKIN AND SOFT TISSUE WOUNDS HAVING EITHER OR BOTH NON-RESISTANT AND RESISTANT INFECTIONS**
[54] **COMPOSITIONS BIOPHOTONIQUES POUR LE TRAITEMENT DE PLAIES DE LA PEAU ET DES TISSUS MOUS AFFECTES D'INFECTIONS NON RESISTANTES OU RESISTANTES OU DES DEUX**
[72] BELLINI, FRANCESCO, CA
[72] SALVAGGIO, ALBERTO, IT
[72] PALUMBO PICCIONELLO, ANGELA, IT
[72] SPATERNA, ANDREA, IT
[72] LOUPIS, NIKOLAOS, GR
[72] HEBERT, LISE, CA
[72] O'HAYON, DAVID, CA
[72] PIERGALLINI, REMIGIO, IT
[71] KLOX TECHNOLOGIES LIMITED, IE
[71] BELLINI, FRANCESCO, CA
[71] SALVAGGIO, ALBERTO, IT
[71] PALUMBO PICCIONELLO, ANGELA, IT
[71] SPATERNA, ANDREA, IT
[71] LOUPIS, NIKOLAOS, GR
[71] HEBERT, LISE, CA
[71] O'HAYON, DAVID, CA
[71] PIERGALLINI, REMIGIO, IT
[85] 2018-07-09
[86] 2017-01-11 (PCT/CA2017/050036)
[87] (WO2017/120674)
[30] US (62/277,286) 2016-01-11

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[51] **Int.Cl. C07K 16/28 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **AXL-SPECIFIC ANTIBODY-DRUG CONJUGATES FOR CANCER TREATMENT**
[54] **CONJUGUES ANTICORPS-MEDICAMENT SPECIFIQUES D'AXL POUR LE TRAITEMENT DU CANCER**
[72] BOSHUIZEN, JULIA, NL
[72] BREIJ, ESTHER, NL
[72] KOOPMAN, LOUISE, NL
[72] SATIJN, DAVID, NL
[72] VAN DEN BRINK, EDWARD, NL
[72] VERZIJL, DENNIS, NL
[72] DE JONG, ROB, NL
[72] VAN DIJKHUIZEN RADERSMA, RIEMKE, NL
[72] PEEPER, DANIEL, NL
[72] PARREN, PAUL, NL
[71] GENMAB A/S, DK
[85] 2018-07-09
[86] 2017-01-13 (PCT/EP2017/050718)
[87] (WO2017/121877)
[30] US (62/278,283) 2016-01-13
[30] EP (PCT/EP2016/066353) 2016-07-08

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[51] **Int.Cl. E04C 2/38 (2006.01) B29C 44/12 (2006.01) E04C 2/284 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A WALL OR ROOF MODULE HAVING INSTALLATIONS INCLUDED AND WALLS OR ROOFS PREFABRICATED USING SAID METHOD**
[54] **PROCEDE DE FABRICATION DE PANNEAU DE PAROI OU DE PLAFOND DANS LEQUEL SONT INTEGREES DES INSTALLATIONS, PAROIS OU PLAFONDS PREFABRIQUES AU MOYEN DUDIT PROCEDE ET RACCORDEMENT ENTRE DES PANNEAUX DE PAROI ET DE PLAFOND**
[72] MARTINEZ, SEBASTIAN, UY
[71] MARTINEZ, SEBASTIAN, UY
[85] 2018-03-29
[86] 2016-09-29 (PCT/ES2016/070689)
[87] (WO2017/055669)
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[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/077 (2010.01) C12Q 1/00 (2006.01) C12Q 1/04 (2006.01)**
[25] EN
[54] **NUCLEATED CELL PRESERVATION BY LYOPHILIZATION**
[54] **CONSERVATION DE CELLULES NUCLEEES PAR LYOPHILISATION**
[72] DEE, JOSHUA, US
[72] YU, ANNA, US
[72] FITZPATRICK, GLEN MICHAEL, US
[72] CLIFF, RICHARD O., US
[71] CELLPHIRE, INC., US
[85] 2018-07-09
[86] 2017-01-10 (PCT/US2017/012836)
[87] (WO2017/123539)
[30] US (62/278,540) 2016-01-14

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[25] EN
[54] **QUINOLIN-2-ONE DERIVATIVES**
[54] **DERIVES DE QUINOLIN-2-ONE**
[72] DORSCH, DIETER, DE
[72] MUZERELLE, MATHILDE, CH
[72] BURGDORF, LARS, DE
[72] WUCHERER-PLIETKER, MARGARITA, DE
[72] CZODROWSKI, PAUL, DE
[72] ESDAR, CHRISTINA, DE
[72] TSAKLAKIDIS, CHRISTOS, DE
[71] MERCK PATENT GMBH, DE
[85] 2018-07-09
[86] 2016-12-16 (PCT/EP2016/002118)
[87] (WO2017/121444)
[30] EP (16150717.3) 2016-01-11

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[51] **Int.Cl. C12N 15/63 (2006.01) C12N 9/22 (2006.01) C12N 15/90 (2006.01)**
[25] EN
[54] **RECOMBINOGENIC NUCLEIC ACID STRANDS IN SITU**
[54] **BRINS D'ACIDES NUCLEIQUES RECOMBINOGENIQUES IN SITU**
[72] CLUBE, JASPER, GB
[71] SNIPR TECHNOLOGIES LIMITED, GB
[85] 2018-07-09
[86] 2016-12-30 (PCT/EP2016/082942)
[87] (WO2017/118598)
[30] GB (1600417.8) 2016-01-10

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[25] EN
[54] **CARTRIDGE FOR A BEVERAGE OR FOOD SUBSTRATE**
[54] **CARTOUCHE POUR SUBSTRAT DE BOISSON OU D'ALIMENT**
[72] KRUGER, MARC, DE
[72] EMPL, GUNTER, DE
[72] FISCHER, DANIEL, CH
[71] FREEZIO AG, CH
[85] 2018-07-09
[86] 2017-01-12 (PCT/EP2017/050563)
[87] (WO2017/121798)
[30] DE (10 2016 200 254.6) 2016-01-12
[30] DE (10 2016 212 012.3) 2016-07-01
[30] DE (10 2016 212 013.1) 2016-07-01
[30] DE (10 2016 218 509.8) 2016-09-27
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[51] **Int.Cl. B64C 1/14 (2006.01) B63B 27/14 (2006.01) B64C 1/24 (2006.01) B64D 9/00 (2006.01)**
[25] EN
[54] **AIRCRAFT AIR STAIR SUPPORT**
[54] **SUPPORT D'ESCALIER INCORPORE D'AERONEF**
[72] HARP, MICHAEL, US
[72] MIKEAL, QUENT, US
[71] GULFSTREAM AEROSPACE CORPORATION, US
[85] 2018-07-06
[86] 2017-01-19 (PCT/US2017/014071)
[87] (WO2017/127504)
[30] US (15/003,427) 2016-01-21

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[51] **Int.Cl. E21B 47/00 (2012.01) G01V 3/18 (2006.01) G01V 3/38 (2006.01)**
[25] EN
[54] **METHODS OF SELECTING AN EARTH MODEL FROM A PLURALITY OF EARTH MODELS**
[54] **PROCEDES DE SELECTION D'UN MODELE TERRESTRE PARMI UNE PLURALITE DE MODELES TERRESTRES EQUIVALENTS**
[72] SONG, RENCHENG, US
[72] WILSON, GLENN A., US
[72] DONDERICI, BURKAY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-07-06
[86] 2016-02-16 (PCT/US2016/018009)
[87] (WO2017/142508)

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[51] **Int.Cl. C12Q 1/18 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **METHODS FOR RAPID ANTIMICROBIAL SUSCEPTIBILITY TESTING**
[54] **PROCEDES DE TEST RAPIDE DE LA SENSIBILITE ANTIMICROBIENNE**
[72] STERN, ERIC, US
[72] VACIC, ALEKSANDAR, US
[72] SPEARS, BENJAMIN, US
[72] FLENTIE, KELLY, US
[72] FLYER, ALEC, US
[71] SELUX DIAGNOSTICS, INC., US
[85] 2018-07-06
[86] 2017-01-20 (PCT/US2017/014343)
[87] (WO2017/127684)
[30] US (62/281,698) 2016-01-21
[30] US (62/298,821) 2016-02-23
[30] US (62/326,545) 2016-04-22
[30] US (62/338,376) 2016-05-18
[30] US (62/370,579) 2016-08-03
[30] US (62/383,198) 2016-09-02

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[25] EN
[54] **GRAPHICAL USER INTERFACE FOR A ROBOTIC SURGICAL SYSTEM**
[54] **INTERFACE UTILISATEUR GRAPHIQUE POUR UN SYSTEME ROBOTIQUE CHIRURGICAL**
[72] MCCLOUD, JEFFERSON C., US
[72] BACHER, DANIEL, CA
[71] TITAN MEDICAL INC., CA
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[54] **MANAGEMENT OF AN ADVERTISING EXCHANGE USING EMAIL DATA**
[54] **GESTION D'ECHANGE DE PUBLICITES UTILISANT DES DONNEES DE COURRIEL**
[72] BINDRA, DEX, US
[72] NIMEROFF, JEFFREY S., US
[72] WALSH, THOMAS, US
[71] ZETA GLOBAL CORP., US
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[25] EN
[54] **CARTRIDGE RECEIVER, CARTRIDGE SYSTEM, DRINK PREPARATION MACHINE, AND METHOD FOR PRODUCING A DRINK**
[54] **LOGEMENT DE CARTOUCHE, SYSTEME DE CARTOUCHE, MACHINE DE PREPARATION DE BOISSON ET PROCEDE DE PREPARATION DE BOISSON**
[72] KRUGER, MARC, DE
[72] EMPL, GUNTER, DE
[72] FISCHER, DANIEL, CH
[71] FREEZIO AG, CH
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[51] **Int.Cl. C02F 1/52 (2006.01) B01F 13/10 (2006.01) C02F 1/56 (2006.01) C02F 11/14 (2006.01)**
[25] EN
[54] **APPARATUS AND PROCESS FOR FLOCCULATION OF SOLIDS FRACTIONS OF A SOLID-LIQUID MIXTURE**
[54] **DISPOSITIF ET PROCEDE DE FLOCULATION DE PARTICULES SOLIDES D'UN MELANGE SOLIDE-LIQUIDE**
[72] KNAUER, JOCHEN, DE
[72] SOUTHWOOD, GERARD A., DE
[72] SEFER, ADNAN, DE
[71] CLARIANT INTERNATIONAL LTD, CH
[85] 2018-07-06
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[54] **DISINFECTANT WIPES**
[54] **LINGETTES DESINFECTANTES**
[72] SHABANOVA, JULIJA, GB
[72] JANSEN, ESTHER, GB
[72] BALLINGER, MATTHEW, GB
[71] TRISTEL PLC, GB
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[25] EN
[54] **A METHOD OF OPERATING AN AGRICULTURAL SYSTEM HAVING A TRACTOR AND AN IMPLEMENT, AN AGRICULTURAL SYSTEM, AND A COMPUTER PROGRAM PRODUCT**
[54] **PROCEDE DE FONCTIONNEMENT D'UN SYSTEME AGRICOLE AYANT UN TRACTEUR ET UN OUTIL, SYSTEME AGRICOLE ET PRODUIT DE PROGRAMME INFORMATIQUE**
[72] VAN DER BIJL, MARTIJN, NL
[72] VAN DER VLUGT, PETER, NL
[71] KVERNELAND GROUP MECHATRONICS B.V., NL
[85] 2018-07-09
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[25] EN
[54] **SET OF PANELS, METHOD FOR MANUFACTURING SUCH SET OF PANELS, ASSEMBLY OF THE PANELS AND LOCKING PROFILE USED IN SAID PANELS**
[54] **ENSEMBLE DE PANNEAUX, PROCEDE DE FABRICATION D'UN TEL ENSEMBLE DE PANNEAUX, ASSEMBLAGE DES PANNEAUX ET PROFILE DE VERROUILLAGE UTILISE DANS LESDITS PANNEAUX**
[72] BEVERNAGE, LEO (MARIE RICHARD), BE
[72] HINDERSLAND, LEIF KARE, NO
[72] DAG, ARNES, NO
[71] BEAULIEU INTERNATIONAL GROUP NV, BE
[85] 2018-07-06
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[25] EN
[54] **HUMAN PLACENTAL TISSUE GRAFT PRODUCTS, METHODS, AND APPARATUSES**
[54] **PRODUITS DE GREFFE DE TISSU DU PLACENTA HUMAIN, METHODES ET APPAREILS**
[72] GOLDSTEIN, STEVEN, US
[72] MARTINEZ, ADAM, US
[72] LAW, CANDACE, US
[71] CRYOLIFE, INC., US
[85] 2018-07-06
[86] 2017-01-05 (PCT/US2017/012384)
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[25] EN
[54] **METHOD FOR THE IMMOBILIZATION OF BIOMOLECULES**
[54] **PROCEDE D'IMMOBILISATION DE BIOMOLECULES**
[72] SCHOEDER, HEINZ, DE
[72] GRIESSNER, MATTHIAS, DE
[72] KRAEHMER, RALF, DE
[72] LEENDERS, FRANK, DE
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE
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[54] **A NOVEL ENVIRONMENT-FRIENDLY PIGGERY**
[54] **NOUVELLE PORCHERIE ECOLOGIQUE**
[72] DAI, JINNAN, CN
[71] DAI, JINNAN, CN
[85] 2018-07-09
[86] 2017-01-09 (PCT/CN2017/070600)
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[25] EN
[54] **USE OF CISTANCHE TUBULOSA EXTRACT AND ISOACTEOSIDE IN PROTECTION OF MUSCLES**
[54] **UTILISATION D'UN EXTRAIT DE CISTANCHE TUBULOSA ET D'ISOACTEOSIDE DANS LA PROTECTION DES MUSCLES**
[72] WANG, CHAO-JIH, CN
[72] YEH, AI-LING, CN
[71] SINPHAR TIAN-LI PHARMACEUTICAL CO., LTD. (HANGZHOU), CN
[85] 2018-07-09
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[54] **TRANSFERRING LOGGING DATA FROM AN OFFSET WELL LOCATION TO A TARGET WELL LOCATION**
[54] **TRANSFERT DE DONNEES DE DIAGRAPHIE D'UN EMPLACEMENT DE PUITS DE LIMITE A UN EMPLACEMENT DE PUITS CIBLE**
[72] SHEN, XINPU, US
[72] SHEN, GUOYANG, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2018-07-09
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[25] EN
[54] **FLUORESCENCE ASSAY FOR QUANTIFICATION OF PICOLINATE AND OTHER COMPOUNDS IN OXIDIZERS AND OXIDIZING COMPOSITIONS**
[54] **DOSAGE DE FLUORESCENCE POUR QUANTIFICATION DE PICOLINATE ET D'AUTRES COMPOSES DANS DES OXYDANTS ET DES COMPOSITIONS OXYDANTES**
[72] BOLDUC, JOHN, US
[72] TOKHTUEV, EUGENE, US
[72] SKIRDA, ANATOLY, US
[72] PILIPCHENKO, ANNA, US
[72] VALENSTEIN, JUSTIN SCOTT, US
[72] BAKKEN, AMANDA, US
[72] FAWBUSH, STACY, US
[72] HUTCHISON, JEFFREY, US
[71] ECOLAB USA INC., US
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[54] **PROCESSING OF PORTABLE DEVICE DATA**
[54] **TRAITEMENT DE DONNEES DE DISPOSITIF PORTABLE**
[72] HUSSAM, ALI ADEL, US
[72] BLEIGH, NATHAN, US
[71] UNIVERSAL RESEARCH SOLUTIONS, LLC, US
[85] 2018-07-09
[86] 2017-01-09 (PCT/US2017/012746)
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[54] **ENGINEERED SURFACE FOR INCREASED DRAG ON ARTICLE**
[54] **SURFACE AMENAGEE POUR UNE TRAINEE AUGMENTEE SUR UN ARTICLE**
[72] PARKINSON, ADAM, US
[71] NIKE INNOVATE C.V., US
[85] 2018-07-09
[86] 2017-01-11 (PCT/US2017/012983)
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[25] EN
[54] **METHODS AND SYSTEMS FOR SEARCH ENGINES SELECTION & OPTIMIZATION**
[54] **PROCEDES ET SYSTEMES POUR UNE SELECTION & UNE OPTIMISATION DE MOTEUR DE RECHERCHE**
[72] STEELBERG, CHAD, US
[72] JALALI, NIMA, US
[72] BAILEY, JAMES, US
[72] REYES, BLYTHE, US
[72] WILLIAMS, JAMES, US
[72] KIM, EILEEN, US
[72] STINSON, RYAN, US
[71] VERITONE, INC., US
[85] 2018-07-09
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[25] EN
[54] **HUMAN WEARABLE GLOVE MADE OF A COMPOSITE, PROTECTIVE MATERIAL**
[54] **GANT PORTABLE PAR UN HUMAIN CONSTITUE D'UN TISSU COMPOSITE PROTECTEUR**
[72] ANDRESEN, LARS PETTER, NO
[71] OPTIPRO CORP LTD., GB
[85] 2018-07-09
[86] 2017-01-20 (PCT/IB2017/000027)
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[25] EN
[54] **APPARATUS FOR DETECTING CELLS IN CIRCULATING BLOODSTREAM**
[54] **APPAREIL DE DETECTION DES CELLULES DANS LA CIRCULATION SANGUINE**
[72] TANGREA, MICHAEL A., US
[72] O'HEARN, SEAN, US
[72] MOSCUCCI, MAURO, US
[71] LIFEBRIDGE HEALTH, INC., US
[85] 2018-07-09
[86] 2017-01-20 (PCT/US2017/014236)
[87] (WO2017/127614)
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[25] EN
[54] **METHODS AND FORMULATIONS FOR TREATMENT OF AND/OR PROTECTION AGAINST ACUTE LIVER FAILURE AND OTHER HEPATOTOXIC CONDITIONS**
[54] **METHODES ET FORMULATIONS POUR LE TRAITEMENT ET/OU LA PROTECTION CONTRE L'INSUFFISANCE HEPATIQUE AIGUE, ET AUTRES TROUBLES CARACTERISES PAR UNE HEPATOTOXICITE**
[72] NASSTROM, JACQUES, SE
[72] JACOBSSON, SVEN, SE
[72] HENRIKSEN, DENNIS, DK
[72] VAN ALSTINE, JAMES, SE
[71] PLEDPHARMA AB, SE
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[86] 2017-01-10 (PCT/IB2017/050115)
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[30] US (62/277,232) 2016-01-11
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[25] EN
[54] **ADIPOSE TISSUE DERIVED MESENCHYMAL STROMAL CELL CONDITIONED MEDIA AND METHODS OF MAKING AND USING THE SAME**
[54] **MILIEUX CONDITIONNES DE CELLULES STROMALES MESENCHYMATEUSES DERIVEES DE TISSUS ADIPEUX ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] GANGARAJU, RAJA SHEKHAR, US
[72] SOHL, NICOLAS MIROSLAV JOTTERAND, US
[72] JOTTERAND, VERONIQUE HEDWIGE, US
[72] PENTECOST, MICKEY, US
[71] CELL CARE THERAPEUTICS, US
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[86] 2017-02-13 (PCT/US2017/017718)
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[30] US (62/294,489) 2016-02-12
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[25] EN
[54] **INSTALLATION AND METHOD FOR MANUFACTURING CROSS-LINKABLE POLYETHYLENE COMPOUNDS**
[54] **INSTALLATION ET PROCEDE DE FABRICATION DE COMPOSES DE POLYETHYLENE RETICULABLES**
[72] LABBE, DENIS, FR
[71] P&M CABLE CONSULTING SARL (P&M CABLE CONSULTING LLC), CH
[85] 2018-07-09
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[25] EN
[54] **METHODS OF MAKING POLYCRYSTALLINE DIAMOND BODIES HAVING ANNULAR REGIONS WITH DIFFERING CHARACTERISTICS**
[54] **PROCEDES DE FABRICATION DE CORPS EN DIAMANT POLYCRISTALLIN COMPRENANT DES REGIONS ANNULAIRES PRESENTANT DES CARACTERISTIQUES DIFFERENTES**
[72] LONG, CHRISTOPHER, US
[72] GLEDHILL, ANDREW, US
[72] JOHNSON, ALEXANNE, US
[72] RHODES, JOSEPH, US
[71] DIAMOND INNOVATIONS, INC., US
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[25] EN
[54] **TREATMENT COMPOSITIONS**
[54] **COMPOSITIONS DE TRAITEMENT**
[72] SIVIK, MARK ROBERT, US
[72] DYKSTRA, ROBERT RICHARD, US
[72] HODGDON, TRAVIS KYLE, US
[72] CORONA, ALESSANDRO, III, US
[72] HARTSHORN, RICHARD TIMOTHY, US
[72] VETTER, NICHOLAS DAVID, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2018-07-09
[86] 2017-01-24 (PCT/US2017/014640)
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[25] EN
[54] **A LIQUID PROBIOTIC COMPOSITION STABLE AT AMBIENT TEMPERATURE**
[54] **COMPOSITION PROBIOTIQUE LIQUIDE STABLE A TEMPERATURE AMBIANTE**
[72] MEHTA, DILIP, IN
[72] DE SOUZA, ANSELM, IN
[71] SYNERGIA LIFE SCIENCES PVT. LTD, IN
[85] 2018-07-09
[86] 2017-01-17 (PCT/IB2017/050232)
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[25] EN
[54] **OPHTHALMIC LENS HAVING AN EXTENDED DEPTH OF FOCUS**
[54] **LENTILLE OPHTALMIQUE AYANT UNE PROFONDEUR DE FOYER ETENDUE**
[72] MILANOVIC, ZORAN, US
[72] WEI, XIN, US
[72] HONG, XIN, US
[71] NOVARTIS AG, US
[85] 2018-07-09
[86] 2017-02-15 (PCT/IB2017/050849)
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[30] US (15/055,993) 2016-02-29

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[51] **Int.Cl. G06T 7/60 (2017.01) G06T 1/00 (2006.01)**
[25] EN
[54] **PASSENGER COUNTING DEVICE, SYSTEM, METHOD AND PROGRAM**
[54] **DISPOSITIF, SYSTEME, PROCEDE ET PROGRAMME DE COMPTAGE DE PASSAGERS**
[72] MIYAMOTO, SHINICHI, JP
[71] NEC CORPORATION, JP
[85] 2018-07-09
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[51] **Int.Cl. C07J 75/00 (2006.01) C07J 9/00 (2006.01) C11B 3/12 (2006.01) C11B 13/02 (2006.01) D21C 11/00 (2006.01)**
[25] EN
[54] **EXTRACTION OF PHYTOSTEROLS FROM TALL OIL SOAP USING A SOLVENT SELECTED FROM DIBROMOMETHANE, BROMOFORM, TETRABROMOMETHANE OR A COMBINATION THEREOF**
[54] **EXTRACTION DE PHYTOSTEROLS A PARTIR DE SAVON A L'HUILE DE PIN A L'AIDE D'UN SOLVANT CHOISI PARMI LE DIBROMOMETHANE, LE BROMOFORME, LE TETRABROMOMETHANE OU LEUR COMBINAISON**
[72] KAVAKKA, JARI, SE
[71] STORA ENSO OYJ, FI
[85] 2018-07-09
[86] 2017-01-26 (PCT/IB2017/050408)
[87] (WO2017/130127)
[30] SE (1650109-0) 2016-01-29

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[51] **Int.Cl. H02J 7/14 (2006.01) H02P 9/04 (2006.01)**
[25] EN
[54] **POWER SUPPLY SYSTEM AND METHOD FOR CONTROLLING SAME**
[54] **SYSTEME D'ALIMENTATION ELECTRIQUE ET SON PROCEDE DE COMMANDE**
[72] KOIKE, TOMOYUKI, JP
[72] KOISHI, AKIFUMI, JP
[72] TAHARA, MASAHIKO, JP
[72] WATANABE, MUNEMITSU, JP
[72] TEZUKA, ATSUSHI, JP
[72] TSUCHIYA, TERUMASA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-07-09
[86] 2017-01-10 (PCT/JP2017/000462)
[87] (WO2017/122631)
[30] JP (2016-003702) 2016-01-12

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[51] **Int.Cl. B01D 53/04 (2006.01) B01D 53/50 (2006.01) B01D 53/56 (2006.01) B01D 53/62 (2006.01) B01D 53/82 (2006.01) B01J 20/06 (2006.01) B01J 20/34 (2006.01) F01K 17/04 (2006.01)**
[25] EN
[54] **CARBON DIOXIDE SEPARATION/RECOVERY DEVICE, COMBUSTION SYSTEM USING SAME, THERMAL POWER GENERATION SYSTEM USING SAME, AND METHOD FOR SEPARATING AND RECOVERING CARBON DIOXIDE**
[54] **DISPOSITIF DE SEPARATION/RECUPERATION DE DIOXYDE DE CARBONE, SYSTEME DE COMBUSTION L'UTILISANT, SYSTEME DE GENERATION DE POUDRE THERMIQUE L'UTILISANT, ET PROCEDE DE DE SEPARATIONET DE RECUPERATION DE DIOXYDE DE CARBONE**
[72] YOSHIKAWA, KOHEI, JP
[72] KANEEDA, MASATO, JP
[72] NAKAMURA, HIDEHIRO, JP
[72] AOSHIMA, MASAHIRO, JP
[72] SHIMAZAKI, TOSHIKATSU, JP
[71] HITACHI CHEMICAL COMPANY, LTD., JP
[85] 2018-07-09
[86] 2016-08-24 (PCT/JP2016/074629)
[87] (WO2017/126149)
[30] JP (2016-009558) 2016-01-21

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[54] **CUISEUR A CHAUFFAGE PAR INDUCTION**
[72] OGURI, TAIHEI, JP
[72] AKASHI, TAKAYUKI, JP
[72] MIZUTA, ISAO, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
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[54] **CONDUITE ISOLEE**
[72] ROSEEN, PATRIK, SE
[71] UPONOR INNOVATION AB, SE
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[54] **RECIPIENT DE CUISSON DOTE DE CAPTEUR THERMIQUE**
[72] CHENG, STANLEY KIN SUI, US
[72] JENKINS, JONATHAN A., US
[72] VENGROFF, DARREN ERIK, US
[71] MEYER INTELLECTUAL PROPERTIES LTD., CN
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[54] **PROCEDE ET APPAREIL POUR DU REMBLAI EN PATE**
[72] REVELL, MATHEW, AU
[71] OUTOTEC (FINLAND) OY, FI
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[54] **NOUVELLES COMPOSITIONS VACCINALES A PROTECTION CROISEE POUR LE VIRUS DE LA DIARRHEE EPIDEMIQUE PORCINE**
[72] CABANA SUMSI, MARTA, US
[72] BALASCH SANUY, MONICA, US
[72] PLAJA DILME, LAIA, US
[72] URNIZA HOSTENCH, ALICIA, US
[72] DOMINOWSKI, PAUL J., US
[72] CALVERT, JAY GREGORY, US
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[54] **PULSE COMPRESSION IN CHIRPED PULSE LASER SYSTEMS**
[54] **COMPRESSION D'IMPULSIONS DANS DES SYSTEMES LASER A IMPULSIONS COMPRIMEES**
[72] PAYEUR, STEPHANE, CA
[72] FOURMAUX, SYLVAIN, CA
[72] KIEFFER, JEAN CLAUDE, CA
[72] MACLEAN, STEVE, CA
[71] INFINITE POTENTIAL LABORATORIES LP, CA
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
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[54] **NANOPARTICULES THERAPEUTIQUES POUR LE TRAITEMENT DU NEUROBLASTOME ET D'AUTRES CANCERS**
[72] DILUCCIO, ROBERT, US
[71] CORMEDIX INC., US
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[54] **CHAINE ALPHA DU RECEPTEUR D'IGE A HAUTE AFFINITE (FC?RIA)**
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[72] MOSTAGEER, MARWA, AT
[71] AFFIRIS AG, AT
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[54] **DISPOSITIF D'EREPTIOSPIRATION POUR CIRES, SOLIDES, BIOPOLYMERES OU HUILES HAUTEMENT VISQUEUSES THERAPEUTIQUES, ET CANNABINOIDES**
[72] GARCIA, ANTONIO, US
[72] WOOLLEY, CHRISTINE, US
[72] SANTELLO, MARCO, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY, US
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[54] **POUCH ASSEMBLY FOR HOLDING AN AQUEOUS UREA SOLUTION FOR USE IN AN SCR SYSTEM FOR TREATING THE EXHAUST GASES OF AN INTERNAL COMBUSTION ENGINE OF A VEHICLE AND SYSTEM FOR TREATING THE EXHAUST GASES OF AN INTERNAL COMBUSTION ENGINE OF A VEHICLE USING THE AQUEOUS UREA SOLUTION**
[54] **ENSEMBLE DE POCHE CONCU POUR CONTENIR UNE SOLUTION D'UREE AQUEUSE DESTINEE A ETRE UTILISEE DANS UN SYSTEME SCR DE TRAITEMENT DES GAZ D'ECHAPPEMENT D'UN MOTEUR A COMBUSTION INTERNED'UN VEHICULE ET SYSTEME DE TRAITEMENT DES GAZ D'ECHAPPEMENT D'UN MOTEUR A COMBUSTION INTERNE D'UN VEHICULE AU MOYEN D'UNE SOLUTION D'UREE AQUEUSE**
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[72] SIGURD, JORGENSEN, NO
[71] YARA INTERNATIONAL ASA, NO
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[54] **COMPOSITIONS ET METHODES POUR TRAITER ET PREVENIR LES ADHERENCES ET L'ILEUS**
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[72] RODENRYS, JOHN, US
[71] LEADING BIOSCIENCES, INC., US
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[54] **SYSTEME ET PROCEDE DE CAPTEUR D'INCLINAISON SANS FIL**
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[72] KOLAR, DAVID JOHN, US
[71] COPEN, TRAVIS, US
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[54] **CIMENT DE PHOSPHATE DE MAGNESIUM**
[72] RADEMAN, JERRY E., US
[72] MANISSERO, CLAUDIO, US
[72] GEHRET, JOHN K., US
[72] SHAND, MARK A., US
[72] PRESKENIS, JAMES, US
[71] PREMIER MAGNESIA, LLC, US
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[54] **PATE REFRIGEREE A DUREE DE CONSERVATION PROLONGEE REALISEE A PARTIR DE FARINE DE BLE BLANCHE**
[72] DOMINGUES, DAVID J., US
[72] AUGST, ELLIOT, US
[72] DOWD, CRAIG A., US
[72] DREESE, PATRICK C., US
[72] KATZKE, DAVID H., US
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[72] SEESE, THORNE R., US
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[54] **TRAITEMENT DE CARBONATE DE CALCIUM AYANT REAGI EN SURFACE**
[72] RENTSCH, SAMUEL, CH
[72] WELKER, MATTHIAS, FR
[72] GANE, PATRICK A.C., CH
[71] OMYA INTERNATIONAL AG, CH
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[54] **SELF-ASSEMBLED NANOSTRUCTURES AND SEPARATION MEMBRANES COMPRISING AQUAPORIN WATER CHANNELS AND METHODS OF MAKING AND USING THEM**
[54] **NANOSTRUCTURES AUTO-ASSEMBLEES ET MEMBRANES DE SEPARATION COMPRENANT DES CANAUX AQUEUX D'AQUAPORINE ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] SPULBER, MARIANA, DK
[72] TRZASKUS, KRZYSZTOF, DK
[71] AQUAPORIN A/S, DK
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[54] **METHOD FOR PRODUCING A HIGH DEFINITION ANALOGUE AUDIO STORAGE MEDIUM**
[54] **PROCEDE DE FABRICATION D'UN SUPPORT D'INFORMATIONS AUDIO ANALOGIQUE HAUTE DEFINITION**
[72] LOIBL, GUNTER, AT
[72] SCHMIDT, VOLKER, AT
[71] REBEAT INNOVATION GMBH, AT
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[54] **SYSTEM FOR ASSISTING IN DRIVING A BICYCLE BY SENDING A HAPTIC FEEDBACK TO A CYCLIST**
[54] **SYSTEME POUR FACILITER LA CONDUITE D'UNE BICYCLETTE PAR ENVOI DE RETROACTION HAPTIQUE A UN CYCLISTE**
[72] TODESCHINI, FABIO, IT
[72] SAVARESI, SERGIO MATTEO, IT
[72] CORNO, MATTEO, IT
[72] PANZANI, GIULIO, IT
[72] PASQUINI, MATTEO, IT
[72] COTA, ALESSIO NICOLO, IT
[71] BLUBRAKE S.R.L., IT
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[54] **MODULAR BUILDING STRUCTURE WITH INTEGRATED PLANTS**
[54] **STRUCTURE DE BATIMENT MODULAIRE A INSTALLATIONS INTEGREES**
[72] LESTINI, FEDERICO, IT
[72] POFI, LUCA, IT
[71] EMMEALLAENNE S.R.L., IT
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[54] **SYSTEME ROBOTIQUE CHIRURGICAL**
[72] SHOHAM, MOSHE, IL
[72] ZEHAVI, ELIYAHU, IL
[72] BAR, YOSSI, IL
[71] MAZOR ROBOTICS LTD., IL
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[72] COFFIN, ROBERT, GB
[71] REPLIMUNE LIMITED, GB
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[54] **DETERMINATION DE TENEUR EN SOLIDES A L'AIDE DE PROPRIETES DIELECTRIQUES**
[72] WEIGHTMAN, GLENN HOWARD, US
[72] LUCAS, BRUCE CARL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ENCAPSULATED OIL FOR POWDERED INSTANT FOOD PRODUCTS**
[54] **HUILE ENCAPSULEE POUR PRODUITS ALIMENTAIRES INSTANTANES EN POUDRE**
[72] WALTHER, GOERAN, US
[72] HEITKE, BEN, US
[72] VAN LENGERICH, BERNHARD, US
[71] GENERAL MILLS, INC., US
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[25] EN
[54] **GENERATING AND SENDING ENCRYPTED PAYMENT DATA MESSAGES BETWEEN COMPUTING DEVICES TO EFFECT A TRANSFER OF FUNDS**
[54] **GENERATION ET ENVOI DE DONNEES DE PAIEMENT CHIFFREES ENTRE DES DISPOSITIFS INFORMATIQUES POUR EFFECTUER UN TRANSFERT DE FONDS**
[72] FOUREZ, PABLO, US
[72] MILLER, MATTHEW JAMES, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR GENERATING AN IMMUNE RESPONSE TO A TUMOR ASSOCIATED ANTIGEN**
[54] **COMPOSTIONS ET PROCEDES POUR GENERER UNE REPONSE IMMUNE A UN ANTIGENE ASSOCIE A UNE TUMEUR**
[72] ROBINSON, HARRIET, US
[72] DOMI, ARBAN, US
[72] HELLERSTEIN, MICHAEL, US
[72] GUIRAKHOO, FARSHAD, US
[72] MCCURLEY, NATHANAEL PAUL, US
[71] GEOVAX INC., US
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[30] US (62/276,479) 2016-01-08
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[25] EN
[54] **BETAMETHASONE ORAL SPRAY FORMULATION AND METHOD OF USE TO TREAT ATAXIA**
[54] **FORMULATION DE BETAMETHASONE DESTINEE A UNE PULVERISATION PAR VOIE ORALE ET METHODE D'UTILISATION ASSOCIEE POUR LE TRAITEMENT DE L'ATAXIE**
[72] KOTTAYIL, S. GEORGE, US
[72] KUMAR, AMRESH, US
[72] SUNTHANKAR, PRASANNA, US
[72] KAVURU, VIMAL, US
[71] NORTIC HOLDINGS INC., US
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[54] **DETERMINING USER SENTIMENT IN CHAT DATA**
[54] **DETERMINATION DES SENTIMENTS D'UN UTILISATEUR DANS DES DONNEES DE CLAVARDAGE**
[72] BOJJA, NIKHIL, US
[72] KANNAN, SHIVASANKARI, US
[72] KARUPPUSAMY, SATHEESHKUMAR, US
[71] MZ IP HOLDINGS, LLC, US
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[25] FR
[54] **MESOPOROUS ORGANOSILICA NANOPARTICLES, PRODUCTION METHOD THEREOF AND USES OF SAME**
[54] **NANOPARTICULES D'ORGANOSILICE MESOPOREUSES, LEUR METHODE DE PREPARATION ET LEURS UTILISATIONS**
[72] DURAND, JEAN-OLIVIER, FR
[72] MAURIELLO JIMENEZ, CHIARA, FR
[72] RICHETER, SEBASTIEN, FR
[72] RAEHM, LAURENCE, FR
[72] GARY-BOBO, MAGALI, FR
[72] GARCIA, MARCEL, FR
[72] MAYNADIER, MARIE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE MONTPELLIER, FR
[71] NANOMEDSYN, FR
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Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

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[54] **MANIFOLD AND SWIVEL CONNECTIONS FOR SERVICING MULTIPLE WELLS AND METHOD OF USING SAME**
[54] **RACCORDEMENTS DE COLLECTEUR ET RACCORDS PIVOTANTS POUR L'ENTRETIEN DE MULTIPLES PUITS ET PROCEDE D'UTILISATION DE CEUX-CI**
[72] CHEREWYK, BORIS (BRUCE) P., CA
[71] ISOLATION EQUIPMENT SERVICES INC., CA
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[51] **Int.Cl. F25B 29/00 (2006.01) F24D 3/12 (2006.01) F24D 3/18 (2006.01) F24H 4/02 (2006.01) F25B 6/04 (2006.01) F25B 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REUSING WASTE HEAT OF A TRANSCRITICAL REFRIGERATION SYSTEM**
[54] **SYSTEME ET PROCEDE POUR REUTILISER LA CHALEUR PERDUE D'UN SYSTEME DE REFRIGERATION TRANSCRITIQUE**
[72] ZHA, SHITONG, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2017-12-21
[41] 2018-07-03
[30] US (15/397,284) 2017-01-03

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[21] **2,989,920**
[13] A1
[51] **Int.Cl. F16B 2/20 (2006.01) F16B 9/02 (2006.01) A47K 17/00 (2006.01)**
[25] EN
[54] **BATHWARE PRODUCT MOUNTING ASSEMBLY AND SYSTEM**
[54] **ENSEMBLE ET SYSTEME DE FIXATION DE PRODUITS POUR LA SALLE DE BAINS**
[72] RUTGERS, JANET RUTH, CA
[72] KHATTAK, SALEEM JAHAN, CA
[71] TAYMOR INDUSTRIES LTD., CA
[22] 2017-12-21
[41] 2018-06-21
[30] US (62/437,351) 2016-12-21

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[13] A1
[51] **Int.Cl. B64D 45/00 (2006.01) B64C 9/22 (2006.01) B64C 9/24 (2006.01)**
[25] EN
[54] **WING SLAT ACTUATOR DISCONNECTION DETECTION**
[54] **DETECTION DE DESACCOUPLEMENT D'ACTIONNEUR DE BEC DE BORD D'ATTAQUE**
[72] HUBBERSTEY, MARK, GB
[72] TIMMS, MARK, GB
[71] GOODRICH ACTUATION SYSTEMS LIMITED, GB
[22] 2017-12-21
[41] 2018-06-22
[30] EP (16275181.2) 2016-12-22

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[21] **2,989,933**
[13] A1
[51] **Int.Cl. F25B 29/00 (2006.01) F24D 3/12 (2006.01) F24D 3/18 (2006.01) F24H 4/02 (2006.01) F25B 6/04 (2006.01) F25B 9/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REUSING WASTE HEAT OF A TRANSCRITICAL REFRIGERATION SYSTEM**
[54] **SYSTEME ET PROCEDE POUR REUTILISER LA CHALEUR PERDUE D'UN SYSTEME DE REFRIGERATION TRANSCRITIQUE**
[72] ZHA, SHITONG, US
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2017-12-21
[41] 2018-07-03
[30] US (15/397,253) 2017-01-03

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[13] A1
[51] **Int.Cl. G06F 9/455 (2018.01)**
[25] FR
[54] **DATA STORAGE PROCESS IN A VIRTUALIZED STORAGE SYSTEM**
[54] **PROCEDE DE STOCKAGE DE DONNEES DANS UN SYSTEME DE STOCKAGE VIRTUALISE**
[72] BONNEL, THIERRY, FR
[72] VALLEE, FLORENCE, FR
[72] DEJON, CHRISTIAN, FR
[72] BLEUZE, PATRICE, FR
[71] BULL SAS, FR
[22] 2017-12-21
[41] 2018-06-28
[30] FR (16/63488) 2016-12-28

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

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[13] A1
[51] **Int.Cl. B01J 31/12 (2006.01)**
[25] EN
[54] **SELECTIVE HYDROGENATION CATALYST AND METHODS OF MAKING AND USING SAME**
[54] **CATALYSEUR SELECTIF D'HYDROGENATION ET SES METHODES DE FABRICATION ET D'UTILISATION**
[72] CHEUNG, TIN-TACK PETER, US
[72] HONG, ZONGXUAN, US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[22] 2010-02-23
[41] 2010-09-10
[62] 2,753,442
[30] US (61/157,491) 2009-03-04

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[13] A1
[51] **Int.Cl. B05D 1/12 (2006.01) C23C 24/04 (2006.01)**
[25] EN
[54] **COLD GAS DYNAMIC SPRAY APPARATUS, SYSTEM AND METHOD**
[54] **APPAREIL, SYSTEME ET METHODE DE PULVERISATION DYNAMIQUE DE GAZ FROID**
[72] XUE, LIJUE, CA
[72] WANG, SHAODONG, CA
[72] JIANG, JIAREN, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[22] 2009-12-10
[41] 2010-06-12
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[30] US (61/193,659) 2008-12-12

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[13] A1
[51] **Int.Cl. F25B 40/02 (2006.01) F25B 39/02 (2006.01) F28D 7/10 (2006.01)**
[25] EN
[54] **METHOD FOR EXCHANGING HEAT IN A VAPOR COMPRESSION HEAT TRANSFER SYSTEM AND A VAPOR COMPRESSION HEAT TRANSFER SYSTEM COMPRISING AN INTERMEDIATE HEAT EXCHANGER WITH A DUAL-ROW EVAPORATOR OR CONDENSER**
[54] **METHODE D'ECHANGE THERMIQUE DANS UN SYSTEME DE TRANSFERT THERMIQUE PAR COMPRESSION DE VAPEUR ET UN SYSTEME DE TRANSFERT THERMIQUE PAR COMPRESSION DE VAPEUR COMPORTANT UN ECHANGEURTHERMIQUE INTERMEDIAIRE DOTE D'UN EVAPORATEUR OU D'UN CONDENSEUR A DOUBLE RANGEE**
[72] CLODIC, DENIS, FR
[72] RIACHI, YOUSSEF, FR
[72] KABAN, MARY, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[22] 2008-05-09
[41] 2008-11-20
[62] 2,944,695
[30] US (60/928,826) 2007-05-11
[30] US (60/988,562) 2007-11-16
[30] US (PCT/US2007/025675) 2007-12-17

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[51] **Int.Cl. B29C 70/18 (2006.01) B29B 11/16 (2006.01) B29C 70/32 (2006.01) D03D 3/00 (2006.01) D03D 15/00 (2006.01)**
[25] EN
[54] **CIRCUMFERENTIAL STIFFENERS FOR COMPOSITE FANCASES**
[54] **RAIDISSEURS PERIPHERIQUES POUR ENCEINTES DE VENTILATEUR COMPOSITES**
[72] GOERING, JONATHAN, US
[71] ALBANY ENGINEERED COMPOSITES, INC., US
[22] 2013-10-21
[41] 2014-05-01
[62] 2,889,058
[30] US (13/658,578) 2012-10-23

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[13] A1
[51] **Int.Cl. B01D 53/22 (2006.01) B01D 53/62 (2006.01) B01D 71/02 (2006.01)**
[25] EN
[54] **DEVICE FOR SEPARATING CARBON DIOXDE USING SILICONE SEPARATION FILM AND METHOD FOR MANUFACTURING THE SAME**
[54] **DISPOSITIF POUR LA SEPARATION DE DIOXYDE DE CARBONE UTILISANT UN FILM DE SEPARATION EN SILICONE ET PROCEDE POUR SA FABRICATION**
[72] KIM, GWAN SHIG, KR
[72] SHIN, KY YEONG, KR
[71] ARSTROMA CO., LTD., KR
[22] 2014-04-29
[41] 2014-11-13
[62] 2,909,395
[30] KR (10-2013-0053058) 2013-05-10
[30] KR (10-2013-0119091) 2013-10-07

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[51] **Int.Cl. B07B 1/18 (2006.01)**
[25] EN
[54] **ROTARY INTERSTAGE SCREEN APPARATUS**
[54] **APPAREIL DE TAMIS INTER ETAGE ROTATIF**
[72] TSUTSUMI, MASATAKA, US
[71] SIZETEC, INC., US
[22] 2017-06-15
[41] 2017-08-16
[62] 2,970,745
[30] US (15/262,387) 2016-09-12

[21] **3,004,233**
[13] A1
[51] **Int.Cl. B29C 70/30 (2006.01) B29C 70/14 (2006.01)**
[25] EN
[54] **FORMING COMPOSITE FEATURES USING STEERED DISCONTINUOUS FIBER PRE-PREG**
[54] **FORMATION D'ELEMENTS COMPOSITES A L'AIDE D'UN PRE-IMPREGNE A FIBRES DISCONTINUES ORIENTEES**
[72] GRIESS, KENNETH H., US
[72] VETTER, DEREK P., US
[72] GRAVES, MICHAEL J., US
[71] THE BOEING COMPANY, US
[22] 2014-02-14
[41] 2014-09-12
[62] 2,898,224
[30] US (13/789,965) 2013-03-08

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[13] A1
[51] **Int.Cl. B29C 47/40 (2006.01) B29C 47/10 (2006.01) B29C 47/60 (2006.01) B29C 47/76 (2006.01)**
[25] EN
[54] **SCREW ELEMENTS FOR THE EXTRUSION OF VISCOELASTIC COMPOSITIONS**
[54] **ELEMENTS DE VIS DESTINES A L'EXTRUSION DE COMPOSITIONS VISCOELASTIQUES**
[72] KIRCHHOFF, JORG, DE
[72] KONIG, THOMAS, DE
[72] BIERDEL, MICHAEL, DE
[72] LIESENFELDER, ULRICH, DE
[71] COVESTRO DEUTSCHLAND AG, DE
[22] 2010-12-13
[41] 2011-06-23
[62] 2,784,913
[30] DE (10 2009 059 072.2) 2009-12-18

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[51] **Int.Cl. B08B 15/02 (2006.01) F24F 11/39 (2018.01) B01D 46/02 (2006.01) F24F 3/16 (2006.01)**
[25] EN
[54] **DUCTLESS FUME HOOD GAS MONITORING AND DETECTION SYSTEM**
[54] **SYSTEME DE SURVEILLANCE ET DE DETECTION DE GAZ COMPRENANT UNE HOTTE D'ASPIRATION SANS CONDUIT**
[72] DOBBYN, GREGORY J., US
[71] AIRCLEAN SYSTEMS, US
[71] DOBBYN, GREGORY J., US
[22] 2010-08-10
[41] 2011-02-17
[62] 2,770,664
[30] US (12/541,384) 2009-08-14

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[21] **3,007,535**
[13] A1
[51] **Int.Cl. B01J 8/02 (2006.01) B01J 19/24 (2006.01)**
[25] EN
[54] **MULTIPHASE CONTACT AND DISTRIBUTION APPARATUS FOR HYDROPROCESSING**
[54] **APPAREIL DE CONTACT ET DE DISTRIBUTION MULTIPHASE POUR HYDROTRAITEMENT**
[72] KILLEN, RALPH E., US
[72] BOYAK, CRAIG, US
[72] SONG, STEVEN X., US
[72] KEMOUN, ABDENOUR, US
[72] SOUERS, STEVE, US
[72] PARIMI, KRISHNIAH, US
[72] AKIN, ZACKORY, US
[71] CHEVRON U.S.A. INC., US
[22] 2011-04-20
[41] 2012-01-26
[62] 2,805,810
[30] US (12/839227) 2010-07-19

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[13] A1
[51] **Int.Cl. A61L 27/50 (2006.01) A61F 2/07 (2013.01) A61F 2/06 (2013.01) A61L 27/14 (2006.01)**
[25] EN
[54] **IMPROVED BIOCOMPATIBLE SURFACES AND DEVICES INCORPORATING SUCH SURFACES**
[54] **SURFACES BIOCOMPATIBLES PERFECTIONNEES ET DISPOSITIFS INCORPORANT DE TELLES SURFACES**
[72] KNISLEY, KEITH A., US
[72] MARLA, VISHNU T., US
[72] RADSPINNER, RACHEL, US
[72] SILVAGNI, PAUL A., US
[72] STRID, JASON J., US
[72] VONESH, MICHAEL J., US
[71] W.L. GORE & ASSOCIATES, INC., US
[22] 2013-02-25
[41] 2013-09-06
[62] 2,864,711
[30] US (61/606,020) 2012-03-02
[30] US (13/773,937) 2013-02-22

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[13] A1
[51] **Int.Cl. B01D 27/08 (2006.01) B01D 27/04 (2006.01) B01D 35/153 (2006.01) B01D 35/16 (2006.01)**
[25] EN
[54] **CANISTER FILTER SYSTEM WITH DRAIN THAT COOPERATES WITH FILTER ELEMENT**
[54] **SYSTEME DE FILTRE A CARTOUCHE MUNI D'UN DRAIN COOPERANT AVEC L'ELEMENT FILTRANT**
[72] ALLOTT, MARK T., US
[72] OFORI-AMOAH, DAVID, US
[72] SALVADOR, CHRISTOPHER J., US
[72] HEIBENTHAL, RANDALL W., US
[72] DEEDRICH, DENNIS M., US
[72] HARDER, DAVID B., US
[72] HACKER, JOHN R., US
[72] EISENMENGER, RICHARD J., US
[71] CATERPILLAR INC., US
[71] ADVANCED FILTRATION SYSTEMS, INC., US
[71] DONALDSON COMPANY, INC., US
[22] 2011-09-28
[41] 2012-04-05
[62] 2,812,728
[30] US (12/896555) 2010-10-01

[21] **3,008,270**
[13] A1
[51] **Int.Cl. A61K 41/00 (2006.01) A61P 25/00 (2006.01) A61B 5/055 (2006.01) A61B 6/00 (2006.01) A61B 8/00 (2006.01) A61N 7/00 (2006.01)**
[25] EN
[54] **SYSTEMS, COMPOSITIONS, AND METHODS FOR LOCAL IMAGING AND TREATMENT OF PAIN**
[54] **SYSTEMES, COMPOSITIONS ET PROCEDES POUR REPRESENTER LOCALEMENT ET TRAITER LA DOULEUR**
[72] BRADFORD, DAVID S., US
[72] LOTZ, JEFFREY C., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[22] 2006-09-21
[41] 2007-03-29
[62] 2,862,540
[30] US (60/719,670) 2005-09-21
[30] US (60/750,990) 2005-12-15

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[13] A1
[51] **Int.Cl. A61M 1/14 (2006.01) A61M 1/10 (2006.01) A61M 1/28 (2006.01) A61M 1/36 (2006.01) B01D 61/24 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PERFORMING ALTERNATIVE AND SEQUENTIAL BLOOD AND PERITONEAL DIALYSIS MODALITIES**
[54] **SYSTEME ET PROCEDE DE MISE EN OEUVRE DE MODALITES ALTERNATIVES ET SEQUENTIELLES DE DIALYSE PERITONEALE ET DU SANG**
[72] ROHDE, JUSTIN BELANGER, US
[72] MINKUS, MARC STEVEN, US
[71] BAXTER INTERNATIONAL INC, US
[71] BAXTER HEALTHCARE S.A., CH
[22] 2014-03-10
[41] 2014-10-02
[62] 2,905,258
[30] US (13/828731) 2013-03-14

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[13] A1
[51] **Int.Cl. C09K 3/00 (2006.01) C08J 9/14 (2006.01) C09K 3/30 (2006.01) C09K 5/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING 2,3-DICHLORO-1,1,1-TRIFLUOROPROPANE, 2-CHLORO-1,1,1-TRIFLUOROPROPENE, 2-CHLORO-1,1,1,2-TETRAFLUOROPROPANE OR 2,3,3,3-TETRAFLUOROPROPENE**
[54] **COMPOSITIONS COMPRENANT DU 2,3-DICHLORO-1,1,1-TRIFLUOROPROPANE, DU 2-CHLORO-1,1,1-TRIFLUOROPROPENE, DU 2-CHLORO-1,1,1,2-TETRAFLUOROPROPANE OU DU 2,3,3,3-TETRAFLUOROPROPENE**
[72] MAHLER, BARRY ASHER, US
[72] NAPPA, MARIO JOSEPH, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[22] 2009-05-07
[41] 2009-11-12
[62] 2,721,689
[30] US (61/126,810) 2008-05-07

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[13] A1
[51] **Int.Cl. C09K 3/00 (2006.01) C08J 9/14 (2006.01) C09K 3/30 (2006.01) C09K 5/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING 2,3-DICHLORO-1,1,1-TRIFLUOROPROPANE, 2-CHLORO-1,1,1-TRIFLUOROPROPENE, 2-CHLORO-1,1,1,2-TETRAFLUOROPROPANE OR 2,3,3,3-TETRAFLUOROPROPENE**
[54] **COMPOSITIONS COMPRENANT DU 2,3-DICHLORO-1,1,1-TRIFLUOROPROPANE, DU 2-CHLORO-1,1,1-TRIFLUOROPROPENE, DU 2-CHLORO-1,1,1,2-TETRAFLUOROPROPANE OU DU 2,3,3,3-TETRAFLUOROPROPENE**
[72] MAHLER, BARRY ASHER, US
[72] NAPPA, MARIO JOSEPH, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[22] 2009-05-07
[41] 2009-11-12
[62] 2,721,689
[30] US (61/126,810) 2008-05-07

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[13] A1
[51] **Int.Cl. C09K 3/00 (2006.01) C08J 9/14 (2006.01) C09K 3/30 (2006.01) C09K 5/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING 2,3-DICHLORO-1,1,1-TRIFLUOROPROPANE, 2-CHLORO-1,1,1-TRIFLUOROPROPENE, 2-CHLORO-1,1,1,2-TETRAFLUOROPROPANE OR 2,3,3,3-TETRAFLUOROPROPENE**
[54] **COMPOSITIONS COMPRENANT DU 2,3-DICHLORO-1,1,1-TRIFLUOROPROPANE, DU 2-CHLORO-1,1,1-TRIFLUOROPROPENE, DU 2-CHLORO-1,1,1,2-TETRAFLUOROPROPANE OU DU 2,3,3,3-TETRAFLUOROPROPENE**
[72] MAHLER, BARRY ASHER, US
[72] NAPPA, MARIO JOSEPH, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[22] 2009-05-07
[41] 2009-11-12
[62] 2,721,689
[30] US (61/126,810) 2008-05-07

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[13] A1
[51] **Int.Cl. B09B 3/00 (2006.01) A62D 3/19 (2007.01)**
[25] EN
[54] **PLASMA GASIFICATION REACTOR**
[54] **REACTEUR DE GAZEIFICATION AU PLASMA**
[72] DIGHE, SHYAM V., US
[72] DARR, MARK F., US
[72] MARTORELL, IVAN A., US
[72] VAN NIEROP, PIETER, CA
[72] GORODETSKY, ALEKSANDR, CA
[72] BOWER, RICHARD DALE, CA
[71] ALTER NRG CORP, CA
[22] 2010-02-04
[41] 2010-08-19
[62] 2,751,859
[30] US (12/378,166) 2009-02-11
[30] US (12/378,167) 2009-02-11
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[13] A1
[51] **Int.Cl. C07K 5/11 (2006.01)**
[25] EN
[54] **AROMATIC-CATIONIC PEPTIDES AND USES OF SAME**
[54] **PEPTIDES AROMATIQUES-CATIONIQUES ET LEURS UTILISATIONS**
[72] SZETO, HAZEL H., US
[72] SCHILLER, PETER W., CA
[71] CORNELL UNIVERSITY, US
[71] INSTITUT DE RECHERCHES CLINIQUES DE MONTREAL, CA
[22] 2011-01-24
[41] 2011-07-28
[62] 2,787,331
[30] US (61/298,062) 2010-01-25

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[13] A1
[51] **Int.Cl. C12N 15/29 (2006.01) C12N 15/113 (2010.01) A01H 6/82 (2018.01) C12Q 1/6895 (2018.01) A01H 1/00 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12P 17/16 (2006.01)**
[25] EN
[54] **NUCLEIC ACID SEQUENCES ENCODING TRANSCRIPTION FACTORS REGULATING ALKALOID BIOSYNTHESIS AND THEIR USE IN MODIFYING PLANT METABOLISM**
[54] **SEQUENCES D'ACIDES NUCLEIQUES CODANT LES FACTEURS DE TRANSCRIPTION QUI REGULENT LA BIOSYNTHESE ALCALOIDIQUE ET LEUR UTILISATION DANS LA MODIFICATION DU METABOLISME DES PLANTES**
[72] PAGE, JONATHAN, CA
[72] TODD, ANDREA T., CA
[71] 22ND CENTURY LIMITED, LLC, US
[22] 2008-05-23
[41] 2009-05-22
[62] 2,688,306
[30] US (60/924,675) 2007-05-25

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[13] A1
[51] **Int.Cl. C12N 9/88 (2006.01) C12N 5/071 (2010.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF USING CHONDROITINASE ABCI MUTANTS**
[54] **COMPOSITIONS ET PROCEDES D'UTILISATION DE MUTANTS DES CHONDROITINASES ABCI**
[72] CAGGIANO, ANTHONY O., US
[72] VECCHIONE, ANDREA, US
[72] IACI, JENNIFER, US
[71] ACORDA THERAPEUTICS, INC., US
[22] 2007-10-10
[41] 2008-04-17
[62] 2,666,536
[30] US (60/828,800) 2006-10-10

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[13] A1
[51] **Int.Cl. C09K 8/80 (2006.01) C09K 8/56 (2006.01) E21B 43/25 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **COMPOSITES FOR USE IN STIMULATION AND SAND CONTROL OPERATIONS**
[54] **COMPOSITES DESTINES A ETRE UTILISES DANS DES OPERATIONS DE STIMULATION ET DE CONTROLE DE SABLE**
[72] MONROE, TERRY D., US
[72] BEALL, BRIAN B., US
[72] BESTAOUI-SPURR, NAIMA, US
[72] BHADURI, SUMIT, US
[72] LANT, KIMBERLY, US
[72] LE, HOANG, US
[72] QU, QI, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[22] 2014-09-19
[41] 2015-03-26
[62] 2,922,688
[30] US (61/880758) 2013-09-20
[30] US (61/880841) 2013-09-20
[30] US (61/981051) 2014-04-17
[30] US (61/989267) 2014-05-06

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[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) C12Q 1/6869 (2018.01) C12M 1/34 (2006.01) C12M 1/36 (2006.01) G01N 35/00 (2006.01) G01N 35/10 (2006.01)**
[25] EN
[54] **FLUIDIC SYSTEM FOR REAGENT DELIVERY TO A FLOW CELL**
[54] **SYSTEME FLUIDIQUE POUR L'APPORT DE REACTIF A UNE CUVE A CIRCULATION**
[72] STONE, MICHAEL, US
[72] VERKADE, DREW, US
[71] ILLUMINA, INC., US
[22] 2014-08-07
[41] 2015-02-12
[62] 2,915,875
[30] US (61/863,795) 2013-08-08

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[13] A1
[51] **Int.Cl. A61K 38/19 (2006.01) A61P 37/02 (2006.01)**
[25] EN
[54] **COMBINATION OF CYTOKINE AND CYTOKINE RECEPTOR FOR ALTERING IMMUNE SYSTEM FUNCTIONING**
[54] **COMBINAISON DE CYTOKINES ET DU RECEPTEUR DE CYTOKINES DESTINEE A MODIFIER LE FONCTIONNEMENT DU SYSTEME IMMUNITAIRE**
[72] EZERZER, CHAI, IL
[72] HARRIS, NICHOLAS, IL
[71] SYMTHERA CANADA LTD., CA
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[54] **SYSTEME DE RECHERCHE MULTI-UTILISATEUR POURVU D'UNE METHODOLOGIE DE RECHERCHE PERSONNELLE**
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[72] CHASTAGNOL, FRANCK, US
[72] AGRAWAL, ABHISHEK, US
[71] DROPBOX, INC., US
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[54] **PRODUIT COMPOSITE A EFFET DE SURFACE**
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[71] ACELL INDUSTRIES LIMITED, IE
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[54] **MOVING IMAGE PREDICTION ENCODING DEVICE, MOVING IMAGE PREDICTION ENCODING METHOD, MOVING IMAGE PREDICTION ENCODING PROGRAM, MOVING IMAGE PREDICTION DECODING DEVICE, MOVING IMAGE PREDICTION DECODING METHOD, AND MOVING IMAGE PREDICTION DECODING PROGRAM**
[54] **DISPOSITIF DE CODAGE PREDICTIF D'IMAGE ANIMEE, PROCEDE DE CODAGE PREDICTIF D'IMAGE ANIMEE, PROGRAMME DE CODAGE PREDICTIF D'IMAGE ANIMEE, DISPOSITIF DE DECODAGE PREDICTIF D'IMAGE ANIMEE, PROCEDE DE DECODAGE PREDICTIF D'IMAGE ANIMEE ET PROGRAMME DE DECODAGE PREDICTIF D'IMAGE ANIMEE**
[72] BOON, CHOONG SENG, JP
[72] FUJIBAYASHI, AKIRA, JP
[72] SUZUKI, YOSHINORI, JP
[72] TAN, THIOW KENG, JP
[71] NTT DOCOMO, INC., JP
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[54] **AQUEOUS SLURRY FOR THE PRODUCTION OF THERMAL AND ENVIRONMENTAL BARRIER COATINGS AND PROCESSES FOR MAKING AND APPLYING THE SAME**
[54] **SUSPENSIONS AQUEUSES POUR PRODUIRE DES REVETEMENTS BARRIERES THERMIQUES ET ENVIRONNEMENTAUX ET PROCEDE POUR LES FABRIQUER ET LES UTILISER**
[72] BELOV, VLADIMIR V., US
[72] BELOV, IRINA, US
[71] PRAXAIR S.T. TECHNOLOGY, INC., US
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[54] **EFFICIENT MULTICAST IN A SMART GRID**
[54] **MULTIDIFFUSION EFFICACE DANS UN RESEAU INTELLIGENT**
[72] POPA, DANIEL, US
[72] JETCHEVA, JORJETA GUEORGUIEVA, US
[72] MANI, MEHDI, US
[72] MAINAUD, BASTIEN, US
[71] ITRON GLOBAL SARL, US
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[25] EN
[54] **MUTATIONS IN THE BCR-ABL TYROSINE KINASE ASSOCIATED WITH RESISTANCE TO STI-571**
[54] **MUTATIONS DANS LA TYROSINE KINASE BCR-ABL ASSOCIEES A LA RESISTANCE A STI-571**
[72] SAWYERS, CHARLES L., US
[72] GORRE, MERCEDES E., US
[72] SHAH, NEIL PRAVIN, US
[72] NICHOLL, JOHN, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **COMPLEMENT BINDING APTAMERS AND ANTI-C5 AGENTS USEFUL IN THE TREATMENT OF OCULAR DISORDERS**
[54] **APTAMERES DE LIAISON DU COMPLEMENT ET AGENTS ANTI-C5 UTILES DANS LE TRAITEMENT DE TROUBLES OCULAIRES**
[72] EPSTEIN, DAVID, US
[72] KURZ, JEFF C., US
[71] ARCHEMIX LLC, US
[22] 2007-03-08
[41] 2007-09-13
[62] 2,643,951
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[25] EN
[54] **COMPLEMENT BINDING APTAMERS AND ANTI-C5 AGENTS USEFUL IN THE TREATMENT OF OCULAR DISORDERS**
[54] **APTAMERES DE LIAISON DU COMPLEMENT ET AGENTS ANTI-C5 UTILES DANS LE TRAITEMENT DE TROUBLES OCULAIRES**
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[71] ARCHEMIX LLC, US
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[54] **LIPIDES, COMPOSITIONS LIPIDIQUES, ET PROCEDES D'UTILISATION ASSOCIES**
[72] BARYZA, JEREMY, US
[72] BOWMAN, KEITH, US
[72] GEALL, ANDREW, US
[72] FAZAL, TANZINA, US
[72] LEE, CAMERON, US
[72] VARGEESE, CHANDRA, US
[72] WEST, LAURA, US
[72] ZHAO, JUNPING, US
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[54] **COMPOSITIONS COMPRISING FEMALE GERMLINE STEM CELLS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS COMPRENANT DES CELLULES SOUCHES GERMINALES FEMELLES ET LEURS PROCEDES D'UTILISATION**
[72] TILLY, JONATHAN, L., US
[72] JOHNSON, JOSHUA, US
[71] THE GENERAL HOSPITAL CORPORATION, US
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[25] EN
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[54] **SYSTEME DE GESTION DE RESSOURCES ACCESSIBLE PAR RESEAU AVEC GOUVERNANCE DISTRIBUABLE**
[72] NIXON, BRIAN GREGORY, CA
[72] GRANT, JOEL LAUGHLIN, CA
[71] INODZ IP CO., AI
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[51] **Int.Cl. B29C 64/182 (2017.01) B29C 64/165 (2017.01) B41J 2/01 (2006.01)**
[25] EN
[54] **3D PRINTER, 3D PRINTER ARRANGEMENT AND GENERATIVE MANUFACTURING PROCESS**
[54] **IMPRIMANTE 3D, DISPOSITION D'IMPRIMANTE 3D ET PROCEDE DE FABRICATION GENERATIVE**
[72] HOECHSMANN, RAINER, DE
[72] MUELLER, ALEXANDER, DE
[72] KLAUA, SVEN, DE
[71] EXONE GMBH, DE
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[54] **USE OF EP4 RECEPTOR ANTAGONISTS IN THE TREATMENT OF IL-23 MEDIATED DISEASES**
[54] **UTILISATION D'ANTAGONISTES DE RECEPTEUR EP4 DANS LE TRAITEMENT DE MALADIES MEDIEES PAR IL-23**
[72] KANAZAWA, KIYOSHI, JP
[72] NONOMURA, KAZUHIKO, JP
[72] OKUMURA, TAKAKO, JP
[72] KOIZUMI, SHINICHI, JP
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[54] **DIAGNOSING FETAL CHROMOSOMAL ANEUPLOIDY USING GENOMIC SEQUENCING**
[54] **DIAGNOSTIC D'UNE ANEUPLOIDIE CHROMOSOMIQUE FOETALE A L'AIDE D'UN SEQUENCAGE GENOMIQUE**
[72] LO, YUK-MING DENNIS, CN
[72] CHIU, ROSSA WAI KWUN, CN
[72] CHAN, KWAN CHEE, CN
[71] THE CHINESE UNIVERSITY OF HONG KONG, CN
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[54] **SYSTEME D'ACCES CHIRURGICAL**
[72] DOUGHERTY, BRIAN C., US
[72] KASSAN, AMIN, US
[72] LAMAR, CHAD, US
[72] MARK, JOSEPH L., US
[71] NICO INCORPARATION, US
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[25] EN
[54] **METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION**
[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE**
[72] MEDOFF, MARSHALL, US
[71] XYLECO, INC., US
[22] 2007-10-26
[41] 2008-06-19
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[30] US (60/863290) 2006-10-27
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[54] **MOBILE AUTOMATED ASSEMBLY TOOL FOR AIRCRAFT STRUCTURES**
[54] **OUTIL D'ASSEMBLAGE AUTOMATISE MOBILE POUR STRUCTURES D'AERONEF**
[72] REID, ERIC M., US
[72] JONES, DARELL DARWIN, US
[72] MUNK, CLAYTON LYNN, US
[72] BEST, STEVEN A., US
[72] DESJARDIEN, MATTHEW RAY, US
[72] CRESPO, CARLOS, US
[71] THE BOEING COMPANY, US
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[54] **INTERFACE PATIENT ET SES ASPECTS**
[72] SALMON, ANDREW PAUL MAXWELL, NZ
[72] SIEW, SILAS SAO JIN, NZ
[72] HUANG, WEN DONG, NZ
[72] ALLAN, OLIVIA MARIE, NZ
[72] MCLAREN, MARK, NZ
[72] PRENTICE, CRAIG ROBERT, NZ
[72] GARDIOLA, ARVIN SAN JOSE, NZ
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[54] **INVESTIGATION GENERATION IN AN OBSERVATION AND SURVEILLANCE SYSTEM**
[54] **GENERATION D'UNE VERIFICATION DANS UN SYSTEME D'OBSERVATION ET DE SURVEILLANCE**
[72] CAREY, JAMES, US
[71] CAREY, JAMES, US
[22] 2014-03-14
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[25] EN
[54] **METHOD OF FORMULATING PEROVSKITE SOLAR CELL MATERIALS**
[54] **PROCEDE DE FORMULATION DE MATERIAUX DE CELLULE SOLAIRE A BASE DE PEROVSKITE**
[72] IRWIN, MICHAEL D., US
[72] CHUTE, JERRED A., US
[72] DHAS, VIVEK V., US
[71] HEE SOLAR, L.L.C., US
[22] 2015-07-30
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[62] 2,956,633
[30] US (62/032,137) 2014-08-01
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[51] **Int.Cl. H04W 4/029 (2018.01) G08B 21/24 (2006.01)**
[25] EN
[54] **HYGIENE TRACKING COMPLIANCE**
[54] **RESPECT DE SUIVI D'HYGIENE**
[72] MOORE, MARK, US
[71] GOJO INDUSTRIES, INC., US
[22] 2015-03-10
[41] 2015-09-17
[62] 2,941,585
[30] US (61/950,375) 2014-03-10

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[51] **Int.Cl. F16H 7/12 (2006.01) B60K 25/02 (2006.01) F16H 7/18 (2006.01)**
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[54] **TENSIONER**
[54] **TENDEUR**
[72] SERKH, ALEXANDER, US
[72] SCHNEIDER, DEAN, US
[71] GATES CORPORATION, US
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[51] **Int.Cl. H04W 72/04 (2009.01)**
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[54] **RADIO COMMUNICATION APPARATUS, RADIO COMMUNICATION SYSTEM, AND RADIO COMMUNICATION METHOD**
[54] **APPAREIL DE COMMUNICATION SANS FIL, SYSTEME DE COMMUNICATION SANS FIL ET PROCEDE DE COMMUNICATION SANS FIL**
[72] OHTA, YOSHIAKI, JP
[72] KAWASAKI, YOSHIHIRO, JP
[72] YANO, TETSUYA, JP
[72] TANAKA, YOSHINORI, JP
[71] FUJITSU LIMITED, JP
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[51] **Int.Cl. A61B 5/157 (2006.01) A61B 5/15 (2006.01) A61M 1/36 (2006.01) A61M 5/172 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR EXTRACTING AND ANALYZING A BODILY FLUID**
[54] **PROCEDES ET APPAREIL POUR L'EXTRACTION ET L'ANALYSE D'UN LIQUIDE ORGANIQUE**
[72] CALLICOAT, DAVID N., US
[72] GABLE, JENNIFER H., US
[72] BRAIG, JAMES R., US
[72] LI, KENNETH I., US
[72] WITTE, KENNETH G., US
[72] WECHSLER, MARK, US
[72] ZHENG, PENG, US
[72] RULE, PETER, US
[72] KEENAN, RICHARD, US
[72] KING, RICHARD A., US
[71] OPTISCAN BIOMEDICAL CORPORATION, US
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[30] US (60/652,660) 2005-02-14
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[30] US (11/316,685) 2005-12-21
[30] US (11/314,963) 2005-12-21
[30] US (11/316,672) 2005-12-21
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[51] **Int.Cl. C12Q 1/6809 (2018.01) G06F 19/22 (2011.01) C12Q 1/6869 (2018.01)**
[25] EN
[54] **SIZE-BASED ANALYSIS OF FETAL DNA FRACTION IN MATERNAL PLASMA**
[54] **ANALYSE BASEE SUR LA TAILLE DE FRACTION D'ADN FOETAL DANS LE PLASMA MAT ERNEL**
[72] LO, YUK MING DENNIS, CN
[72] CHAN, KWAN CHEE, CN
[72] ZHENG, WENLI, CN
[72] JIANG, PEIYONG, CN
[72] LIAO, JIAWEI, CN
[72] CHIU, WAI KWUN ROSSA, CN
[71] THE CHINESE UNIVERSITY OF HONG KONG, CN
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[41] 2013-09-12
[62] 2,865,523
[30] US (61608623) 2012-03-08
[30] US (61621451) 2012-04-06

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[51] **Int.Cl. A47C 17/60 (2006.01) A47B 85/00 (2006.01) A47C 17/52 (2006.01)**
[25] EN
[54] **FOLDING BED FOR SPACE SAVING STORAGE WITHIN A CABINET**
[54] **LIT PLIANT PEU ENCOMBRANT LOGE DANS UNE ARMOIRE**
[72] FLORA, IQBAL SINGH, CA
[71] FLORA, IQBAL SINGH, CA
[22] 2014-07-24
[41] 2016-01-24
[62] 2,857,823

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[51] **Int.Cl. B23Q 1/46 (2006.01) B23Q 1/72 (2006.01)**
[25] EN
[54] **MOVING TYPE TAIL STOCK**
[54] **CONTRE-POUPEE DE TYPE MOBILE**
[72] AMAYA, KOICHI, JP
[72] IWAI, KIYOTAKA, JP
[72] IIZUKA, SYUJI, JP
[71] MATSUURA MACHINERY CORPORATION, JP
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[51] **Int.Cl. E21C 25/16 (2006.01) E21C 25/18 (2006.01) E21D 9/10 (2006.01)**
[25] EN
[54] **MINING MACHINE WITH DRIVEN DISC CUTTERS**
[54] **METHODE DE PRODUCTION DE PROTEINE A PARTIR DE BIOMASSE**
[72] VELDMAN, CHARL CHRISTO, ZA
[72] MOLLER, ARTHUR KENNETH, ZA
[72] SKEA, THEUNS FICHARDT, ZA
[72] DE SOUSA, JOAQUIM ANTONIO SOAR, ZA
[72] DEANDRADE, ALEX FREIRE, ZA
[71] JOY MM DELAWARE, INC., US
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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/5575 (2006.01) A61K 47/34 (2017.01) A61P 9/12 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **INTRAOCULAR PRESSURE REDUCTION WITH INTRACAMERAL BIMATOPROST IMPLANTS**
[54] **REDUCTION DE LA PRESSION INTRA-OCULAIRE AVEC DES IMPLANTS DE BIMATOPROST INTRACAMERULAIRES**
[72] BURKE, JAMES A., US
[72] HUGHES, PATRICK M., US
[72] ROBINSON, MICHAEL R., US
[71] ALLERGAN, INC., US
[22] 2011-04-14
[41] 2011-10-20
[62] 2,796,443
[30] US (12/761,765) 2010-04-16

[21] **3,010,378**
[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING CUSTOMIZED RESPONSE MESSAGES BASED ON REQUESTED WEBSITE**
[54] **SYSTEME ET PROCEDE POUR FOURNIR DES MESSAGES DE REPONSE PERSONNALISES SUR LA BASE DU SITE WEB DEMANDE**
[72] ROACH, PERRY J., CA
[71] NETSWEEPER (BARBADOS) INC., BB
[22] 2010-06-23
[41] 2011-01-13
[62] 2,767,529
[30] US (61/270351) 2009-07-07

[21] **3,010,395**
[13] A1
[51] **Int.Cl. A61K 8/46 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **METHOD OF TREATING SKIN WITH MICRORNA MODULATORS**
[54] **PROCEDE DE TRAITEMENT DE LA PEAU AVEC DES MODULATEURS DE MICROARN**
[72] KHUSIAL, PERMANAN RAAJ, US
[72] SANTHANAM, UMA, US
[72] LYGA, JOHN W., US
[71] AVON PRODUCTS, INC., US
[22] 2011-11-21
[41] 2012-07-05
[62] 2,817,395
[30] US (12/979,695) 2010-12-28

[21] **3,010,406**
[13] A1
[51] **Int.Cl. E21B 33/13 (2006.01) E21B 33/035 (2006.01)**
[25] EN
[54] **RISERLESS ABANDONMENT OPERATION USING SEALANT AND CEMENT**
[54] **OPERATION D'ABANDON SANS COLONNE AU MOYEN DE SCELLANT ET DE CIMENT**
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[72] BROWN, DAVID, US
[72] WATTERS, JEFFREY, US
[72] LEAL, JORGE ESTEBAN, US
[72] WATTERS, LARRY, US
[72] LI, XIAOXU, US
[71] CSI TECHNOLOGIES LLC, US
[22] 2016-06-28
[41] 2017-02-12
[62] 2,934,364
[30] US (62/204,127) 2015-08-12
[30] US (15/185,357) 2016-06-17

[21] **3,010,426**
[13] A1
[51] **Int.Cl. G01N 15/10 (2006.01) G06T 7/00 (2017.01) G06T 7/40 (2017.01) G06T 7/60 (2017.01)**
[25] EN
[54] **APPARATUS, SYSTEMS, AND METHOD FOR INCREASING MEASUREMENT ACCURACY IN A PARTICLE IMAGING DEVICE**
[54] **APPAREIL, SYSTEME ET PROCEDE D'AUGMENTATION DE LA PRECISION DE MESURE DANS DISPOSITIF D'IMAGERIE DE PARTICULES**
[72] ROTH, WAYNE DENNIS, US
[72] FISHER, MATTHEW S., US
[71] LUMINEX CORPORATION, US
[22] 2011-06-29
[41] 2012-01-26
[62] 2,803,607
[30] US (12/827,800) 2010-06-30

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[21] **3,010,477**
[13] A1
[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **SYSTEM FOR AUTOMATICALLY DISTRIBUTING A TRADING ORDER OVER A RANGE OF PRICES**
[54] **SYSTEME DE REPARTITION AUTOMATIQUE D'UN ORDRE DE TRANSACTION DANS UNE GAMME DE PRIX**
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[72] KERAI, DINESH, GB
[72] RENTON, NIGEL JOHN, GB
[72] SEETO, ANTHONY PAUL, GB
[71] BGC PARTNERS, INC., US
[22] 2006-05-19
[41] 2006-11-30
[62] 2,608,683
[30] US (11/133,767) 2005-05-20

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[21] **3,010,495**
[13] A1
[51] **Int.Cl. H02P 31/00 (2006.01) B64D 41/00 (2006.01) H02K 7/00 (2006.01) H02P 5/00 (2016.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR THE CONTROL AND OPERATION OF A PARALLEL MOTOR CONTROLLER ARCHITECTURE**
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[72] SOLODOVNIK, EUGENE V., US
[72] KARIMI, KAMIAR J., US
[72] LIU, SHENGYI, US
[71] THE BOEING COMPANY, US
[22] 2015-02-16
[41] 2015-10-29
[62] 2,882,057
[30] US (14/264,423) 2014-04-29

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[21] **3,010,578**
[13] A1
[51] **Int.Cl. A61B 3/10 (2006.01) A61B 3/14 (2006.01)**
[25] EN
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[72] WEBER, WILLIAM L., US
[72] CHINNOCK, RANDAL B., US
[72] GRAVELY, BENJAMIN T., US
[72] GRENON, STEPHEN M., US
[71] TEARSCIENCE, INC., US
[22] 2010-04-01
[41] 2010-10-07
[62] 2,757,486
[30] US (61/211,596) 2009-04-01

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[21] **3,010,637**
[13] A1
[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **COUPLING ASSEMBLIES WITH ENHANCED TAKE UP**
[54] **ENSEMBLES DE COUPLAGE AVEC REPRISE AMELIOREE**
[72] BRISCOE, TERRY L., US
[72] STANGELANG, KEVIN S., US
[71] ESCO CORPORATION, US
[22] 2011-04-15
[41] 2011-10-27
[62] 2,796,460
[30] US (61/326,155) 2010-04-20

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[21] **3,010,817**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06F 17/27 (2006.01)**
[25] EN
[54] **METHODS, SYSTEMS, AND COMPUTER-READABLE MEDIA FOR SEMANTICALLY ENRICHING CONTENT AND FOR SEMANTIC NAVIGATION**
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[72] BROUSSEAU, MARTIN, CA
[72] SIMARD, CHARLES-OLIVIER, CA
[72] WILLIAMS, ERIC, CA
[72] LACROIX, FRANCIS, CA
[72] DOWGAILENKO, ALEX, CA
[72] DELIGIA, AGOSTINO, CA
[72] TEXIER, JEAN-MICHEL, CA
[71] OPEN TEXT CORPORATION, CA
[22] 2011-07-22
[41] 2013-01-22
[62] 2,747,145

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COVIDIEN LP 2,901,136
COYNE, MARTIN M., III 2,645,690
CRAWFORD, STEVE 2,767,604
CREATURO, MICHAEL A. 2,862,633
CROISARD, PHILIPPE 2,812,831
CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHUANG) CO., LTD. 2,776,925
CULLINANE, JOHN T. 2,965,582
CUNNINGHAM, JOHN 2,971,339
CURTIN, BRUCE VICTOR 2,713,764
CURTIS, TONY LEE 2,762,175
CUTSFORTH PRODUCTS, INC. 2,918,013
CUTSFORTH, ROBERT S. 2,918,013
CYTOSORBENT, INC. 2,811,073
CZELHAN, BERND 2,925,653
CZELOTH, NIKLAS 2,782,007
CZERNINSKI, RAKEFET 2,734,828
D'EON, PHILLIP ANDREW 2,939,510
DACY TECH PTY LTD 2,714,399
DAELKEN, BENJAMIN 2,782,007
DAEWOONG PHARMACEUTICAL CO., LTD. 2,951,798
DAHL, RUSSELL 2,906,168
DANAGHER, HELEN KATHLEEN 2,555,423
DANTAS, ROY J. 2,949,540
DART INDUSTRIES INC. 2,893,769
DARY, MICHAEL 2,766,650
DAUNHEIMER, RALF 2,754,139
DAVIS, BRUCE L. 2,750,359
DAVIS, BRUCE L. 2,792,336
DAVIS, CLARK C. 2,765,682
DAY, EDWARD 2,807,138
DAY, WILLIAM A., JR. 2,787,487
DAZET, FRANCIS 2,781,778
DE BUCK, STEFAN 2,746,964
DE LIMA, BERNARD 2,808,342
DE MEYER, HERMANN 2,816,412
DE NUCCI, GILBERTO 2,807,872
DE ROSSI, HELENE 2,827,710
DE ROSSI, HELENE 2,830,638
DE SAEGHER, JOHAN 2,793,135
DE SMEDT, GERT 2,928,662
DEERE & COMPANY 2,747,570
DEICHER, WILLIAM R. 2,725,226
DEKA PRODUCTS LIMITED PARTNERSHIP 2,768,011
DEKEL, DARIO 2,763,147
DEKKER, GERARD JOHAN 2,713,764
DELUCA, MICHAEL JOSEPH 2,825,101
DEMUYNCK, MARC 2,793,135
DENG, YIJUN 2,766,162
DEPLA, ERIK 2,746,964
DERICHS, KEVIN J. 2,758,597
DERVIN, MATHIEU 2,752,969
DHOLAKIA, KISHAN 2,715,886
DIAGNOSTICA STAGO 2,812,831
DIAZ-MITOMA, FRANCISCO 2,735,724
DIEHL, ANDREW KARL 2,789,535
DIETRICH, DANIEL 2,778,524
DIGIMARC CORPORATION 2,750,359
DIGIMARC CORPORATION 2,792,336
DING, ERRUN 2,812,260
DODD, CHRISTOPHER ALEXANDER 2,781,006
DOHLA, STEFAN 2,925,653
DOLBY INTERNATIONAL AB 2,976,485
DOLL, ALEXANDER FRANZ 2,932,133
DOMERCQ, OLIVIER STEPHANE 2,798,680
DOMINGUEZ, ZACHARY P. 2,814,502
DONG-A ST CO., LTD. 2,919,624
DORN, JURGEN 2,778,524
DREINER, MICHAEL 2,933,987
DROZT, PETER M. 2,894,814
DRYER, TREVOR D. 2,835,514
DS SMITH PACKAGING DEUTSCHLAND STIFTUNG & CO. KG 2,928,662
DUAN, MENGGE 2,931,523
DUCCINI, GIANNI 2,745,637
DWYER, DEREK 2,810,562
DYKSTRA, JASON D. 2,930,397
E-CLEAR INTERNATIONAL CO., LTD. 2,839,548
E.I. DU PONT DE NEMOURS AND COMPANY 2,721,689
EARNSHAW, MARK 2,764,394
EBAUGH, MICHAEL JOHN 2,928,051
EBAY INC. 2,929,829
EBBERS, HERMANUS GODEFRIDUS WILHELMUS 2,938,143
EBERT, SOPHIA 2,918,838
ECK, CHRISTIAN 2,933,987
ECO SQUARED SOLUTIONS, INC. 2,921,434
EDDY CURRENT LIMITED PARTNERSHIP 2,789,535
EDMISTON, DARYL R. 2,765,682
EDMONDS, KENT ANDREW 2,929,829
EFTEKHARI, AMIR 2,734,202
EICKELMANN, PETER 2,751,834
EIRICH, THOMAS 2,736,582
EISENBLAETTER, GERD 2,783,729
EK, CARL-GUSTAF 2,993,466
ELKO, DAVID 2,837,835
ELLINGER, STEFAN 2,966,791
ELLIS, TODD 2,824,593
ELSASSER, ERHARD 2,778,524
EMD MILLIPORE CORPORATION 2,893,760
EMERSON ELECTRIC CO. 2,869,501
EMIG, ROBIN 2,720,046
ENDOSHAPE, INC. 2,903,834
ENGLING, ANDRE 2,782,007
EPPSTEIN, JONATHAN A. 2,925,191
EQUISTAR CHEMICALS, LP 2,896,614

ERASMUS, DUONNE 2,804,711
ERBSLOH, SASCHA 2,914,727
ERICKSON, GRANT M. 2,916,580
ESSIGMANN, BERND 2,698,989
ESSILOR INTERNATIONAL 2,827,710
ESSILOR INTERNATIONAL 2,830,638
ESTETRA S.P.R.L. 2,835,981
ETEX CORPORATION 2,537,735
EUBELER, JAN 2,922,775
EURO-CELTIQUE S.A. 2,555,423
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,965,582
F. HOFFMANN-LA ROCHE AG 2,896,152
F. HOFFMANN-LA ROCHE AG 2,929,972
FACET-LINK INC. 2,812,472
FAN, HONG HELEN 2,947,346
FARAJ, ZAKARIYA 2,752,969
FARBER, NIKOLAUS 2,925,653
FARBER, STEFAN 2,947,114
FARINA, ANTONIO 2,727,063
FARLEY, LUCY 2,819,582
FARQUHAR, DAVID 2,925,191
FARRELL, MICHAEL 2,787,487
FARWELL, BRIAN W. 2,734,202
FAURIE, MATHIEU 2,760,583
FAZAL, TANZINA 2,785,492
FENTON, PATRICK C. 2,777,804
FIBRIA INNOVATIONS INC. 2,803,177
FICHERA, STEPHEN L. 2,768,011
FICHERT, THOMAS 2,777,910
FIELD, MICHAEL G. 2,768,170
FILIPPOV, ANDREY V. 2,708,342
FINISAR CORPORATION 2,891,678
FISCHER, DANIEL 2,925,653
FISH, BARRY B. 2,893,841
FISHER, MARK JAMES 2,925,191
FITAMANT, JULIEN 2,638,974
FITZ, WOLFGANG 2,765,499
FIVE3 GENOMICS, LLC 2,920,608
FLEXTRONICS AUTOMOTIVE INC. 2,856,617
FOLCKEMER, CLEMENT 2,937,437
FOLEY, BOB 2,799,512
FONG, MO-HAN 2,764,394
FONSECA, SONALI 2,800,741
FONTANA, PAOLO 2,739,754
FORD, BENJAMIN 2,811,317
FORD, COLIN 2,929,214
FORESTER, KELLY ANN 2,949,499
FORSTER, MARKUS 2,778,524
FOSSA, KJELL TORE 2,813,195
FOSTER, DERICK 2,751,829
FOX, JAMES R. 2,790,614
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,857,202
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,925,653
FREESE, JOHN EVANSTON 2,811,317
FRESENIUS KABI DEUTSCHLAND GMBH 2,814,585
FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH 2,777,910
FREYTH, WINFRIED 2,933,987
FRIEDEBACH, ADOLF HANS 2,994,319
FRIEL, LIAM 2,810,562
FRIIS, LARS 2,943,653
FRITSCH, MARKUS 2,932,376
FROEHLICH, THOMAS 2,929,972
FROEHNER, STEFANIE 2,929,972
FROHBERG, CL[illegible] 2,698,989
FROLAND, KNUT NORMAN 2,892,520
FU, YUCHENG 2,930,995
FU, YUCHENG 2,961,679
FUCHS, HARALD 2,925,653
FUJINO, SHOICHI 2,778,286
FUJITA, KATSUHIRO 2,778,286
FUJITA, MASAKI 2,821,486
FUJITSU LIMITED 2,920,176
FUJIWARA, KOTARO 2,940,180
FUJIWARA, SEIJI 2,902,528
GAHLEITNER, MARKUS 2,993,466
GALDON CABRERA, CARLOS 2,879,318
GALLUSSER, DAVID OTIS 2,742,222
GAMBER-JOHNSON LLC 2,845,813
GAMBLE, ROBERT N., II 2,970,156
GARCIA MARTIN, DIGNA JOSE 2,754,804
GARCIA PEIRO, AGUSTIN 2,815,949
GASSER, GOTTFRIED 2,883,592
GATZEMEYER, JOHN J. 2,728,648
GE HEALTHCARE BIO-SCIENCES CORP. 2,768,866
GEALL, ANDREW 2,785,492
GELINAS, ANNE-MARIE 2,786,969
GENERAL ELECTRIC TECHNOLOGY GMBH 2,874,697
GENMAB A/S 2,602,375
GERD EISENBLAETTER GMBH 2,783,729
GESELL, ERIC 2,811,317
GHARTEMANI, MASOUD KARIMI 2,789,748
GIARDINI, SEANA 2,901,217
GIAZZON, PAOLO 2,739,754
GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH 2,781,801
GIESSELBACH, JEROEN 2,695,098
GIEZEN, WILHELMUS HENRICUS BERENDINA 2,938,143
GILMER, JOHN FRANCIS 2,709,432
GILSON SAS 2,841,152
GIORIK S.P.A. 2,739,754
GITTINS, ELIZABETH K. 2,728,648
GLAXO GROUP LIMITED 2,786,969
GLAXOSMITHKLINE BIOLOGICALS S.A. 2,786,969
GLOBE UNION INDUSTRIAL CORP. 2,946,178
GOBEIL, ERIC 2,948,398
GOEL, VIVEK S. 2,925,469
GOEPFRICH, JAMES L. 2,901,217
GOLDAN, AMIRHOSSEIN 2,910,922
GOLFIER, SVEN 2,801,971
GOLOBISH, THOMAS 2,811,073
GONZALEZ, DARIO 2,792,154
GOODFELLOW, JOHN WILLIAM (DECEASED) 2,781,006
GOOGLE LLC 2,613,699
GOOGLE LLC 2,730,609
GOOGLE LLC 2,916,580
GOSS, STEVEN NEIL 2,837,835
GOSWAMI, JITENDRA 2,745,278
GOTOHTI.COM INC. 2,737,012
GOTTESFELD, SHIMSHON 2,763,147
GOTTESFELD, ZIV 2,763,147
GOUDY, ERIC SHAWN 2,938,304
GOURNAY, PHILIPPE 2,972,812
GRAHAM, DAVID E. 2,941,595
GRAHAM, DAVID ROSS 2,949,499
GRANDBOIS, MATTHEW L. 2,893,841
GRAPHIC PACKAGING INTERNATIONAL, LLC 2,910,074
GRAPHIC PACKAGING INTERNATIONAL, LLC 2,929,214
GRAUS, YVO 2,602,375
GRAVELY, BENJAMIN T. 2,757,486
GRAY, IAN 2,781,548
GRAY, LARRY B. 2,768,011
GREGG-ALBERS, JULIA L. 2,895,306
GREGORI, MASSIMO 2,745,637
GREGORY, BRYCE 2,768,170
GREMPLER, ROLF 2,751,834
GRENON, STEPHEN M. 2,757,486
GRIFFIN, JASON TYLER 2,773,760
GRIFFIN, PATRICK M. 2,763,094
GRIFOLS THERAPEUTICS INC. 2,703,393
GRILLS, REGINALD C. 2,856,617
GROSS, THORALF 2,857,202
GRUENBACHER, DANA PAUL 2,915,324
GUAN, LAN 2,996,683
GUANGDONG AULDEY ANIMATION & TOY CO., LTD. 2,950,224
GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. 2,764,394
GUANGZHOU ALPHA CULTURE COMMUNICATIONS CO., LTD. 2,950,224
GUAY, GERALD M. 2,768,011
GUDKOV, ANDREI V. 2,777,198
GUDMESTAD, ENDRE 2,813,195
GUERTIN, PATRICK M. 2,768,866
GUILLOT, MATTHIEU 2,830,638
GUSAROVA, VIKTORIA 2,785,158
GUTHRIDGE, GREGORY 2,766,650
GUTKIND, J. SILVIO 2,734,828
GYGAX, DANIEL 2,757,686
HA, NINA 2,941,581
HAAS, HERMANN 2,742,340
HAEBERLIN, PHILIPPE 2,795,811
HAFENSCHER, ALBERT 2,765,987
HAGER, ALLEN C. 2,881,683

HAGINO, TOMOKAZU 2,825,807
HAGIWARA, MASATOSHI 2,880,487
HALBACH, ALEXANDRE 2,932,133
HALL, KEVIN NORMAN 2,852,112
HALL, THOMAS E. 2,843,856
HALLIBURTON ENERGY SERVICES, INC 2,934,771
HALLIBURTON ENERGY SERVICES, INC. 2,867,327
HALLIBURTON ENERGY SERVICES, INC. 2,919,018
HALLIBURTON ENERGY SERVICES, INC. 2,925,469
HALLIBURTON ENERGY SERVICES, INC. 2,930,397
HALLIBURTON ENERGY SERVICES, INC. 2,935,250
HALLIDAY, ANDREW 2,833,483
HAMEL, DAVID 2,915,290
HAMLIN, RICHARD D. 2,887,705
HAMMELL, EUGENE J. 2,761,312
HAN, JIAN 2,931,523
HAN, WOO-JIN 2,922,690
HAN, WOO-JIN 2,962,290
HANMI SCIENCE CO., LTD. 2,816,052
HARADA, SHIGERU 2,807,166
HARKNESS, DAVID HENRY 2,760,677
HARPER, JASON M. 2,985,602
HARRER, STEFAN 2,812,371
HARRIS, CHAD TYLER 2,944,129
HARRIS, JASON 2,892,115
HARRISON, DAVID J. 2,915,290
HASAN, LARA 2,757,686
HASENOEHRL, ERIK JOHN 2,915,324
HASSELL, JON P. 2,755,853
HAUDEBOURG, THOMAS 2,685,584
HAWKES, KIMBERLY 2,745,147
HAYES, GEOFFREY GERARD 2,555,423
HAYMAN, EDWARD G. 2,768,866
HE, LIN 2,966,791
HE, MOLLY 2,720,046
HEAD, BRIAN P. 2,742,563
HECHT, GIL 2,891,299
HEDMAN, THOMAS P. 2,770,153
HEGLA BORAIDENT GMBH & CO. KG 2,939,945
HEIBERG, JAKOB 2,893,769
HEIDE, CHRISTOF 2,819,116
HEINDL, DIETER 2,929,972
HEINZ, GERARD JOSEPH, II 2,929,590
HELIN, PHILIP 2,850,517
HELION 2,753,366
HEMMERT, BRADLEY WILLIAM 2,882,568
HENDERSON, RICHARD S. 2,804,111
HENRY, JAMES W. 2,867,274
HENUSET, YVES MICHEL 2,706,781
HEO, YOUN HYOUNG 2,764,394
HERAEUS MEDICAL GMBH 2,950,124
HERMANN, RETO 2,736,582
HERRENBAUER, MICHAEL 2,777,910
HERRENKNECHT AG 2,934,106
HETHERINGTON, MARK 2,979,103
HETZER, TOBIAS 2,937,055
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 2,974,804
HEXAGON TECHNOLOGY CENTER GMBH 2,902,663
HEYWOOD, BENJAMIN 2,702,406
HEYWOOD, JAMES 2,702,406
HIGASHIO MECH CO., LTD. 2,825,807
HILL, DAVID JOHN 2,780,623
HINZMANN, BERND 2,677,723
HIRAMOTO, TOSHIAKI 2,778,286
HO, TSUNG-CHUAN 2,882,479
HOERING, FRANK 2,736,582
HOERMANN, JOERN 2,777,910
HOFFMAN, TRAVIS 2,979,103
HOFMANN, INGO 2,925,653
HOLLEY, JOHN MURDICK JR. 2,929,214
HOLMES, BRADLEY DEAN 2,762,175
HOLMES, ROBERT 2,745,278
HOLMES, WILLLIAM 2,702,386
HOLVERSON, TODD EARL 2,892,520
HONEYWELL INTERNATIONAL INC. 2,636,453
HONG, SEUNG GEE 2,935,057
HONG, YOON-MI 2,922,690
HOOD, ALLEN DAVID, JR. 2,896,614
HORITA, NAOHIRO 2,825,075
HORN, CARINA 2,896,152
HOSHI, KIYOSHI 2,886,965
HOSHINO, SUSUMU 2,935,640
HOSOYA, TAKAMITSU 2,880,487
HOTTIER, CHRISTINE 2,802,943
HOU, YAFENG 2,911,260
HOWE, CAROL A. 2,734,202
HSIEH, ALBERT 2,930,513
HU, ZIPING 2,947,761
HUAWEI TECHNOLOGIES CO., LTD. 2,931,515
HUBBE, THOMAS 2,819,116
HUBER, ANDREAS 2,715,474
HUBER, MARKUS 2,715,474
HUBER, SIMONE 2,715,474
HUCULAK, JOHN CHRISTOPHER 2,818,184
HUERTAS, PEDRO 2,702,386
HUFFER, SCOTT WILLIAM 2,935,556
HUFFORD, DAVE 2,767,604
HUGHES, TAMARA 2,971,339
HULSKOTTER, FRANK 2,918,838
HUNSLEY, COLIN 2,781,006
HUNSRUCKER GLASVEREDELUNG WAGENER GMBH & CO. KG 2,939,945
I-TEC AS 2,751,135
ICHINO, YUSUKE 2,927,082
IGT 2,824,046
IIZUKA, SHIGEO 2,940,180
ILLINOIS TOOL WORK INC. 2,882,568
ILLINOIS TOOL WORKS INC. 2,788,694
ILLINOIS TOOL WORKS INC. 2,849,481
ILLINOIS TOOL WORKS INC. 2,892,520
ILSKOV, JACOB 2,837,607
IM, DAE SEONG 2,816,052
IM, WEON-BIN 2,919,624
IMMUTEP 2,685,584
IMPERIAL OIL RESOURCES LIMITED 2,742,563
IMPERIAL OIL RESOURCES LIMITED 2,965,582
INDXIT SYSTEMS, INC. 2,928,051
INGENICO GROUP 2,787,721
INGENZA LIMITED 2,819,582
INOUE SUDARE CO., LTD. 2,825,807
INOUE, HIROSHI 2,825,807
INOUE, RYOTA 2,930,107
INSERM-INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE 2,685,584
INSTAFIBRE LTD 2,804,711
INSTITUT NATIONAL POLYTECHNIQUE DE TOULOUSE 2,753,366
INSTYTUT BIOCHEMII I BIOFIZYKI PAN 2,816,281
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,736,582
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,787,130
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,812,371
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,817,802
INTERNATIONAL BUSINESS MACHINES CORPORATION 2,837,835
INTERNATIONAL INSTITUTE OF CANCER IMMUNOLOGY, INC. 2,940,962
INTERNATIONAL PAPER COMPANY 2,946,868
INTUIT INC. 2,734,202
INTUIT INC. 2,835,514
IRDETO B.V. 2,713,764
ISCAR LTD. 2,891,299
ISHII, HIROYUKI 2,687,937
ISHII, YUSUKE 2,943,444
ISHIKAWA, MASAHIKO 2,930,107
ITO, AKINO 2,778,286
ITO, DAISUKE 2,816,674
IVERSON, BENJAMIN JOHN 2,925,469
IWASAKI, MASAHIRO 2,900,419
IZVARINA, NATALIA 2,704,789
J.J. MACKAY CANADA LIMITED 2,733,110
JAAKKOLA, HEIKKI 2,815,166
JAASKELAINEN, MIKKO 2,934,771
JACOBSSON, FREDRIK 2,928,662
JAHNES, CHRISTOPHER VINCENT 2,787,130
JAIN, AMIT 2,887,705
JAIN, PRAVEEN K. 2,789,748
JAKOBSEN, OLE 2,837,607

JANG, JAE WOO	2,963,926
JANKOWSKI, RONALD	2,701,354
JAPANESE RED CROSS SOCIETY	2,687,937
JENNI, NANS-RUDOLPH	2,773,214
JENNINGS, SCOTT STEVEN	2,850,370
JENSEN, FLEMMING DAHL	2,943,653
JENSEN, HARM-IVEN	2,812,472
JENSEN, MORTEN HOLM	2,943,653
JEONG, JIN-HEE	2,800,305
JERAN, PAUL	2,974,804
JERMANN, THOMAS	2,757,686
JI, KUM-RAN	2,800,305
JIA, LEI	2,720,046
JIANG, ZEYU	2,787,487
JIMENEZ, EDUARDO J.	2,728,648
JOEL, KEVIN	2,992,694
JOHNSON, ALAN	2,745,278
JOHNSON, CHAD M.	2,823,917
JOHNSON, ROSS G.	2,725,226
JOSEL, HANS-PETER	2,929,972
JULIAN, JOSEPH F.	2,950,817
JUNG, HYUN DONG	2,935,057
JUNG, MIN HO	2,935,057
JUNK, BRIAN SCOTT	2,935,608
KABUSHIKI KAISHA TOSHIBA	2,902,528
KADLEC, MARK STEVEN	2,882,568
KAIHO, CHRISTOPHER H.	2,906,168
KAIKKONEN, ANDREI	2,891,678
KAJIYAMA, AKIHISA	2,778,286
KAMEDA, TSUNEJI	2,902,528
KAMEN, DEAN	2,768,011
KAPSCH TRAFFICCOM AG	2,765,987
KAPUST, GREGORY	2,700,878
KASAI, SHIGEO	2,902,528
KASCAK, UROS	2,925,191
KASHIWAGI, MASAHIRO	2,940,463
KASTANEK, RAYMOND S.	2,929,214
KATHOLIEKE UNIVERSITEIT LEUVEN	2,715,517
KATO, TOMONORI	2,969,826
KATO, YUYA	2,816,674
KATZ, TORSTEN	2,798,971
KAUFMAN, DUANE ANTHONY	2,940,693
KAWAJIRI, YUKO	2,902,528
KEERY, IAIN	2,797,198
KELLER, PAUL E.	2,843,856
KELLEY, SHANA	2,800,741
KELLIHER, CHRISTOPHER	2,811,317
KEMIRA OYJ	2,819,116
KEMOUN, ABDENOUR	2,805,810
KENNEDY, SHARON	2,728,648
KEOSHKERIAN, BARKEV	2,867,686
KEPPLER, ARTUR FRANZ	2,807,872
KERR, TERRY	2,969,898
KERWIN, JOHN M.	2,768,011
KHAJEHODDIN, SAYED ALI	2,789,748
KHOLOMEEV, ALEXANDER	2,835,502
KIBLER, SCOTT ERIC	2,946,868
KII, ISAO	2,880,487
KIJIMA, TAKUMI	2,968,499
KIKUCHI, TOSHIMASA	2,935,533
KILLEN, RALPH E.	2,805,810
KILSGAARD, SOREN	2,943,653
KIM, HUN-TAEK	2,942,087
KIM, HUN-TAEK	2,981,467
KIM, HYUN	2,537,735
KIM, IL-KOO	2,922,690
KIM, JEE H.	2,785,158
KIM, JEONG HUN	2,916,645
KIM, JIHYUN	2,941,581
KIM, MI-YEON	2,919,624
KIM, SOON-HOE	2,919,624
KIM, TAE-WEON	2,839,548
KIM, THOMAS	2,996,683
KIM, YUNTAE	2,941,581
KING, JAMES G.	2,985,602
KING, JERRY A.	2,925,579
KINOPHARMA, INC.	2,880,487
KINTSU, YUSUKE	2,900,419
KIRBY, JAMES M.	2,968,822
KIRK, JOHN B.	2,768,170
KIRKBRIDE, CHARLES D.	2,767,604
KITANI, YOSHIKO	2,816,674
KJORLING, KRISTOFER	2,976,485
KLAMMER, PETER F.	2,901,136
KLEPPA, ERLING	2,790,113
KLUGE, THOMAS	2,950,124
KNAPP, JOHN M.	2,941,247
KNEZ, ZELJKO	2,932,376
KNISLEY, KEITH A.	2,864,711
KNOBLOCH, DEAN A.	2,867,274
KOBAYASHI, HISASHI	2,817,209
KOBINO, MASASHI	2,778,286
KOCH, ERIN MELISSA	2,925,191
KODAIRA, TETSUYA	2,778,286
KODIAK NETWORKS, INC.	2,936,083
KOGA, MASATO	2,988,290
KOHLER, BEAT RENE	2,773,214
KOMAI, MASAFUMI	2,902,528
KOMAROVA, YULIA A.	2,838,662
KOMATSU LTD.	2,807,166
KOMATSU, NAOTAKA	2,935,533
KONE CORPORATION	2,870,224
KONINKLIJKE DOUWE EGBERTS B.V.	2,780,698
KONINKLIJKE DOUWE EGBERTS B.V.	2,833,483
KONINKLIJKE DOUWE EGBERTS B.V.	2,895,306
KOONAPARAJU, VENAKTA N. S. S. HARSHA	2,930,253
KOPF, GLENN D.	2,645,690
KORB, DONALD R.	2,757,486
KORUS, MICHAEL F.	2,894,814
KOSSO, ANTTO	2,950,212
KOZLOV, MIKHAIL	2,893,760
KRAFT FOODS GROUP BRANDS LLC	2,809,891
KRAFT, AXEL	2,857,202
KRAGER, JARDEN E.	2,725,226
KRAMP, THORSTEN	2,736,582
KRAVETZ, SERGEY	2,704,789
KRENZ, URSULA	2,801,971
KRIVOPALTSEV, EUGENE	2,835,514
KUECHLER, KEVIN J.	2,970,156
KUGELMANN, FRANZ	2,777,910
KUMAR, DEEPAK	2,930,548
KUNKEL, DAVID P.	2,763,094
KURBITZ, STEFFEN	2,939,945
KURIHARA, TAKESHI	2,807,166
KUYPER, MICHAEL P.	2,736,582
KVAERNER AS	2,813,195
KWAK, DAL YONG	2,941,581
KWON, SE CHANG	2,816,052
KWON, YONG-SIK	2,800,305
KYOTO UNIVERSITY	2,880,487
LABROSSE, NATHAN D.	2,824,046
LAFFAY, PHILIPPE	2,777,910
LAGRANGE, TIMOTHY EDWARD	2,812,148
LAHTINEN, LASSE	2,950,212
LAITAR, DAVID S.	2,893,841
LALLY, MAEVE	2,709,432
LAMAISON, BERTRAND	2,802,943
LAMB WESTON, INC.	2,767,604
LAMBERT, JOSEPH J.	2,924,034
LAMBERT, ROBERT JOHN	2,832,348
LAMBIER, GREG R.	2,767,604
LAMERS, NATHAN JOHN	2,892,520
LAMY, BERNARD	2,947,346
LANCASTER, PATRICK R., III	2,813,995
LANCASTER, PATRICK R., III	2,901,254
LANG, PHILIPP	2,765,499
LANGLEY, ALAN MARK	2,939,510
LANGLOIS DEMERS, DOMINIQUE	2,790,669
LANIGAN, RICHARD J.	2,768,011
LANTECH.COM, LLC	2,813,995
LANTECH.COM, LLC	2,901,254
LANTERNA, FLORENT	2,760,583
LANTZ, LOREN J.	2,925,191
LAPIDOT, DORON	2,891,678
LAPIERRE, ALEXANDRE	2,707,324
LAPORTE, MATTHEW G.	2,766,162
LARGO, MARC DAVID	2,849,481
LARSEN, TINA AHLBERG	2,943,653
LAVEDAN, CHRISTIAN	2,757,723
LAWANDY, NABIL M.	2,848,597
LAWTON, CHRIS	2,925,579
LE QUELLEC, JOHN	2,842,088
LEE, BONG YONG	2,951,798
LEE, BONG-YONG	2,942,087
LEE, BONG-YONG	2,981,467
LEE, CAMERON	2,785,492
LEE, CHANG WOOK	2,935,057
LEE, CHANGGON	2,941,581
LEE, CYNTHIA K.	2,768,866
LEE, ERIK N.	2,920,674
LEE, HAK-JU	2,800,305
LEE, HAROLD	2,720,046
LEE, HO BIN	2,951,798
LEE, JAE MIN	2,816,052
LEE, JAEYOUNG	2,941,581
LEE, JIN NAM	2,963,926
LEE, JONG SOO	2,816,052
LEE, KYUNG CHANG	2,963,926
LEE, MIN SUN	2,942,087
LEE, MIN SUN	2,981,467
LEE, MIN-JUNG	2,919,624

LEE, SUN-IL 2,922,690
LEE, TAMMY 2,922,690
LEITERITZ, NATHAN GERALD 2,892,520
LEMIEUX, LINDA 2,702,386
LEMM, WILLIAM C. 2,944,511
LEMM, WILLIAM C. 2,944,515
LENIOR, ODEKE NANDA MANON 2,924,336
LEONI KABEL HOLDING GMBH 2,933,987
LEPINE, JASON D. 2,922,963
LERBREKK, MORTEN 2,792,475
LERCHEN, HANS-GEORG 2,801,971
LES ENTREPRISES C.G.D. INC. 2,706,781
LESSIN, STUART 2,864,910
LETHIN, DOUGLAS 2,835,514
LEVY, LINDA 2,812,939
LEWIS, STEVEN 2,797,198
LG ELECTRONICS INC. 2,907,789
LI, CHUNLEI 2,776,925
LI, DAYONG 2,876,906
LI, JINMIN 2,876,906
LI, REBECCA 2,537,735
LI, YANHUI 2,776,925
LI, YONGFENG 2,776,925
LIANG, MIN 2,776,925
LIANG, YOUQING 2,939,902
LIBERATORE, MAURO 2,802,013
LICAMELE, LOUIS 2,757,723
LIFE SCIENCES RESEARCH PARTNERS VZW 2,715,517
LIM, YUN JUNG 2,942,087
LIM, YUN JUNG 2,981,467
LIMBURG, BERND 2,896,152
LIN, AVI 2,919,018
LIN, AVI 2,935,250
LINCO FOOD SYSTEMS A/S 2,938,143
LINDENBAUM, MICHAEL 2,979,103
LINDER, RICHARD J. 2,765,682
LINK, HELMUT D. 2,812,472
LISZEWSKA, FRANTZ 2,816,281
LITTLE, HERBERT ANTHONY 2,773,760
LITWINSKI, EDWARD 2,863,628
LIU, GUOHAI 2,785,336
LIU, JIANJUN 2,939,902
LIU, WENYANG 2,767,367
LLOYD, ADAM 2,833,483
LLOYD, RUSSELL 2,781,006
LOCHBIHLER, HANS 2,781,801
LOESCH VERPACKUNGSTECHNIK GMBH 2,937,055
LOGALBO, BOB 2,935,548
LOGAN, GLEN ERIC 2,831,216
LOISEAU, ALAIN 2,739,001
LONZA LTD 2,774,749
LONZA LTD 2,966,791
LONZA LTD 2,972,161
LORSBACH, BETH 2,769,073
LOUGHNANE, BRIAN JOSEPH 2,918,838
LOUGHNEY, GERALD MICHAEL 2,949,499
LOVE, DAN 2,750,363
LUBBERGER, MICHAEL 2,934,106
LUDOLPH, BJOERN 2,918,838
LUKOMSKA, JOLANTA 2,816,281
LUMINEX CORPORATION 2,725,226
LUNA, JOSEPH L. 2,648,611
LUNDE, MONTGOMERY C. 2,937,437
LUNDQVIST, LENNART 2,891,678
LUSTER, ANDREAS 2,939,945
LYONDELL CHEMICAL TECHNOLOGY, L.P. 2,896,614
MA, RAYMOND 2,803,177
MAAS, STEFFEN 2,918,838
MACDONALD, GRANT T. 2,823,917
MACGILL, JAMES ROBERT 2,730,609
MACHIDA, MASAOMI 2,807,166
MACKAY MEMORIAL HOSPITAL 2,882,479
MACKAY, GEORGE ALLAN 2,733,110
MACKEY, DEAN EDWARD 2,888,229
MACMAHON, JOHN 2,833,483
MADSEN, MATTHEW D. 2,756,352
MAEKAWAJIRI, SHINJI 2,687,937
MAGNA SEATING INC. 2,819,725
MAGUIRE, CARY 2,773,736
MAGUIRE, JOHN 2,810,562
MAHLER, BARRY ASHER 2,721,689
MAIER, LEONHARD 2,922,775
MAKAROV, ALEXANDER ALEKSEEVICH 2,835,502
MALCUIT, CHRISTOPHER 2,702,386
MALIK, ASRAR B. 2,838,662
MALLUCCI, LIVIO 2,690,345
MAMTANI, VINOD MURLI 2,929,590
MANAGAN, WILLIAM VAUGHN 2,971,339
MANLEY-CASIMIR, NAOMI 2,766,650
MANNING, SCOTT D. 2,996,193
MARK, MICHAEL 2,751,834
MARLA, VISHNU T. 2,864,711
MARLAND, CHRISTOPHER N. 2,867,327
MARR, CARY DUANE 2,760,342
MARSHALL, JEREMY 2,950,817
MARTIGLI, FABRIZIO 2,814,137
MARTIGLI, MADDALENA 2,814,137
MARTIGLI, MASSIMO (DECEASED) 2,814,137
MARTIN GMBH FUER UMWELT-UND ENERGIETECHNIK 2,754,465
MARTIN, HENRY 2,833,483
MARTIN, JOEL L. 2,812,260
MARTIN, JOHANNES 2,754,465
MARTIN, TIMOTHY P. 2,769,073
MARY KAY INC. 2,799,512
MASAKI, RYUTA 2,778,286
MASINO, ALBERT P. 2,812,260
MASKREY, STEVE A. 2,750,363
MASSON, PATRICE 2,790,669
MASUI, KATSUYUKI 2,825,807
MASUTANI, EISHIN 2,807,166
MATKIWSKY, YARKO 2,856,617
MATKOWSKI, JOE DANIEL 2,971,339
MATSUZAKI, YUICHI 2,797,216
MATTEO, SANTIAGO 2,792,154
MATTHEWS, HAZEL B., III 2,708,342
MAULDING, MATTHEW E. 2,901,217
MAURER, ALEXANDER 2,778,524
MAXIMENKO GUTMAN, VERA 2,803,177
MAYERHOFER, MICHAEL J. 2,934,771
MAYR, TOBIAS 2,677,723
MCBEATH, SEAN 2,764,394
MCCABE, PAUL P. 2,768,170
MCCANDLISH, TODD A. 2,763,056
MCCLURE, JONATHAN P. 2,792,154
MCCOLPIN, GLENN 2,934,771
MCCORMACK, JAMES J. A. 2,766,340
MCDONALD, JAMES 2,928,662
MCEWEN-KING, MAGNUS 2,780,623
MCGAHN, STEVE P. 2,824,046
MCINTOSH, JOHNNY LEE 2,762,175
MCIVER, TERRY 2,971,339
MCKENZIE, ANDREW NEIL JAMES 2,757,104
MCLARTY, SHAMUS JOHN ANGUS 2,733,110
MCMAKIN, DOUGLAS L. 2,843,856
MCRAE, STUART 2,925,191
MCWATER, HAROLD SHANE 2,762,175
MEDICAL RESEARCH COUNCIL 2,757,104
MEDLINE INDUSTRIES, INC. 2,750,363
MEDSKIN SOLUTIONS DR. SUWELACK AG 2,742,340
MEEK, STEVEN K. 2,881,683
MEHLEN, PATRICK 2,638,974
MEHTA, GAURANG PANKAJ 2,930,253
MEIER, HELMUT-MARTIN 2,819,116
MEIRING, WOUTER JAN 2,803,468
MELDER, JOHANN-PETER 2,798,971
MELDRUM, JOHN 2,915,290
MENGER, CHRISTIAN 2,797,198
MENGLE, VINOD G. 2,928,176
MENNE, ANDREAS 2,857,202
MERCURE, ROGER 2,796,370
MERIAL, INC. 2,745,278
MESSIER, BERNADETTE 2,925,191
METTENS, PASCAL 2,786,969
MICHEAU, PHILIPPE 2,790,669
MICRO MOTION, INC. 2,935,608
MIDALI, ALBERTO 2,745,637
MILES, SCOTT D. 2,765,682
MILLER, TREVOR 2,814,086
MILLET, FREDERIC 2,841,152
MIN, JUNG-HYE 2,922,690
MIN, JUNG-HYE 2,962,290
MINAS, THOMAS 2,765,499
MININNI, ROBERT M. 2,941,595
MINKUS, MARC STEVEN 2,905,258
MITCHELL, MICHAEL P. 2,901,254
MITSUBISHI ELECTRIC CORPORATION 2,968,499
MITSUBISHI GAS CHEMICAL COMPANY, INC. 2,969,826
MITSUBISHI HEAVY INDUSTRIES MACHINE TOOL CO., LTD. 2,935,533

MITSUBISHI HEAVY INDUSTRIES, LTD. 2,940,463
MITSUBOSHI DIAMOND INDUSTRIAL CO., LTD. 2,956,124
MITSUTA, SHINJI 2,807,166
MIURA, SHINICHI 2,927,082
MODHA, DHARMENDRA SHANTILAL 2,817,802
MOHAMMAD, HASSAN 2,555,423
MOINE, JEROME 2,830,638
MOLINOLO, ALFREDO 2,734,828
MONAHAN, RUARI 2,766,650
MONATH, THOMAS P. 2,768,866
MONCRIEF, FRANK N. 2,929,214
MONIUSZKO, GRZEGORZ 2,816,281
MONTOYE, ROBERT KEVIN 2,817,802
MOON, KYOUNGSOO 2,907,789
MOOR, DAN 2,942,123
MOORE, PATRICIA A. 2,803,278
MORAND, MICHEL 2,924,838
MORETON, DAVID J. 2,853,153
MORIN, KRISTIAN 2,902,663
MORITA, DAISUKE 2,778,286
MORIYA, YOSHIHIRO 2,930,107
MORRIS, JAMES JONATHAN 2,929,590
MORVANT, MATTHEW JOSEPH 2,928,051
MOSER, FRIEDRICH 2,813,797
MOTOROLA SOLUTIONS, INC. 2,894,814
MOTOROLA SOLUTIONS, INC. 2,931,523
MOTOROLA SOLUTIONS, INC. 2,935,548
MPC INC. 2,808,288
MTD PRODUCTS INC. 2,850,517
MUDD, CHRISTOPHER S. 2,814,502
MUNK-HANSEN, THORKIL 2,735,053
MURADORE, FABIEN 2,827,710
MURAKAMI, MASANAO 2,956,124
MURCH, BRIAN A. 2,922,963
MURPHY, COLIN H. 2,768,011
MURPHY, COLM AENGUS 2,810,562
MURPHY, DENNIS 2,786,969
MURRAY, DAVID WYCLIFFE 2,781,006
MUSTATA, ALEXANDRU P. 2,949,540
NACCACHE, DAVID 2,787,721
NACEY, GENE E. 2,340,996
NADEMANEE, KOONLAWEE 2,573,691
NAGANUMA, YOSHIAKI 2,909,842
NAGATA, NOZOMI 2,687,937
NAGY, THOMAS 2,872,698
NAKAMURA, YOZO 2,935,533
NAKANISHI, MEGUMI 2,821,486
NAKANISHI, YUKIHIRO 2,807,166
NANJAPPAN, PALANIAPPA 2,947,346
NAPPA, MARIO JOSEPH 2,721,689
NATIONAL UNIVERSITY CORPORATION TOKYO MEDICAL AND DENTAL UNIVERSITY 2,880,487
NATTE, KISHORE 2,966,791
NEEDLE, STAN 2,903,834
NEGALAGULI, HARISHA M. 2,936,083
NEILL, DANIEL 2,757,104
NELSON, ANDREW D. 2,788,694
NEODRILL AS 2,802,838
NESTEC S.A. 2,748,379
NESTEC S.A. 2,772,270
NESTEC S.A. 2,915,290
NEUENDORF, MAX 2,925,653
NEUMANN, HELFRIED 2,966,791
NICHOL, KEVIN 2,943,714
NIELSEN, RUNE 2,735,053
NIEN MADE ENTERPRISE CO.,LTD. 2,939,725
NIEN, CHAO-HUNG 2,939,725
NISSAN MOTOR CO., LTD. 2,886,965
NISSAN MOTOR CO., LTD. 2,988,290
NITTO DENKO CORPORATION 2,925,191
NOEL, RAYMOND 2,963,781
NOISETTE, PHILIPPE 2,795,811
NONAKA, YOSHINORI 2,940,463
NOVAKOVIC, ZORAN 2,925,191
NOVARTIS AG 2,785,492
NOVATEL INC. 2,777,804
NUNEZ GONZALEZ, CARLOS 2,879,318
O'CONNOR, JOHN JOSEPH 2,781,006
O'HARE, KEITH 2,764,872
O'LEARY, JEREMIAH PETER 2,925,191
O'MALLEY, EDWARD 2,985,602
ODA, WATARU 2,778,286
OEHLERT, MICHAEL W. 2,824,046
OETIKER SCHWEIZ AG 2,920,414
OETLINGER, FRANK E. 2,795,930
OGAWA, TOMOHIRO 2,909,842
OGREL, ANDREI 2,735,724
OH, SEJIN 2,907,789
OILES CORPORATION 2,825,075
OKA, TAKANORI 2,687,937
OKAZAKI, SEIJI 2,778,286
OKIMURA, AKIHIKO 2,825,075
OKINAKA, KENJI 2,778,286
ONG, TAHCHUAN 2,792,154
ONOGI, HIROSHI 2,880,487
OPAWALE, FOYE 2,858,364
OPHARDT, HEINER 2,737,012
OPRINS, JUDITH 2,602,375
OPTASENSE HOLDINGS LIMITED 2,780,623
OREN, RAN 2,942,123
ORTHOPEUTICS, LP 2,770,153
ORTIZ, DARWIN 2,803,177
OSTERROTH, FRANK 2,782,007
OTIENO, PAULINE AKINYI 2,925,469
OTSUKA, KOSUKE 2,969,826
OTTENSTEIN, TIMO 2,896,152
OWEN OIL TOOLS LP 2,812,148
OWEN, W. J. 2,769,073
OXFORD BIOTHERAPEUTICS LTD 2,759,538
OXFORD JOINT ANALYSIS LTD 2,781,006
OZANNE, MATTHIEU 2,748,379
PACIFIC BIOSCIENCES OF CALIFORNIA, INC. 2,720,046
PALFINGER AG 2,939,141
PALMER, DUNCAN 2,810,562
PAMARTHI, MOHAN 2,703,393
PANACELA LABS, LLC 2,777,198
PANESAR, SATWINDER 2,833,483
PANTHER, ALEXANDER GYLES 2,944,129
PAPAC, MICHAEL JAMES 2,818,184
PARIMI, KRISHNIAH 2,805,810
PARK, CHAN YOUNG 2,935,057
PARK, INSIL 2,720,046
PARK, JOON SEOK 2,951,798
PARK, JUNG-SANG 2,919,624
PARK, MAHN HOON 2,942,087
PARK, MAHN HOON 2,981,467
PARREN, PAUL 2,602,375
PARRY, WILLIAM W. 2,808,288
PASCAL, JEAN-CLAUDE 2,835,981
PATEL, KRISHNAKANT M. 2,936,083
PATEL, VYOMESH 2,734,828
PATERSON, WILLIAM G. 2,901,136
PATIENTSLIKEME, INC. 2,702,406
PAYNE, THOMAS 2,701,354
PEASGOOD, MICHAEL 2,872,698
PELED, AMNON 2,673,719
PELUSO, PAUL 2,720,046
PENG, WAN WANG 2,785,336
PEOPLES, GEORGE 2,744,035
PERALA, JUSSI 2,870,224
PEREIRA, MARK 2,800,741
PEREZ GARCIA, JUAN BAUTISTA 2,754,804
PEREZ III, ARLEY 2,931,666
PERISHO, RANDAL 2,941,247
PERKINELMER LAS, INC. 2,707,958
PERLAU, DARREL L. 2,742,563
PEROVITCH, PHILIPPE 2,819,305
PERROT, VINCENT PAUL GABRIEL 2,798,680
PERROW, MIKE 2,730,609
PESTCOE, LAWRENCE RICHARD 2,946,868
PESTEIL, AGNES 2,798,680
PETERSEN, STEVEN L. 2,756,352
PETIT, VIRGINIE 2,739,001
PETRICH, WOLFGANG 2,896,152
PETROLEUM TECHNOLOGY COMPANY AS 2,790,113
PFEFF, DIANA 2,934,106
PHILIPS LIGHTING HOLDING B.V. 2,766,340
PHILLIPS, DAVID EUGENE, JR. 2,946,868
PHILIPPOTEAU, VINCENT 2,753,366
PI-DESIGN AG 2,829,798
PIANZOLA, DANIEL 2,774,749
PICHILINGUE, RENATO L. 2,987,902
PIERCE, LEE R. 2,996,193
PIKE, JAMES THOMAS 2,872,698
PILLAI, RADHAKRISHNA K. 2,947,346
PILZ, DON 2,827,183
PIRON, CAMERON ANTHONY 2,944,129
PLAZARTE, ENRIQUE 2,892,115
PLEICHINGER, ROLAND 2,937,055
PLUM, MARKUS 2,896,152
PO-CELLTECH LTD. 2,763,147
POBANZ, MARK A. 2,769,073
POCHON, SIBYLLE 2,947,346

POLIQUIN, RAYMOND E. 2,827,183
PONNIAH, SATHIBALAN 2,744,035
POPOWSKI, PAUL M. 2,636,453
POPP, GREGORY DAVID 2,892,520
PORATH, JOSHUA 2,573,691
POTAGNIK, NICOLAS 2,760,583
POTTERS, MARINUS ADRIANUS MARIA 2,924,336
POTTS, ANTHONY NEIL 2,762,175
PRATER, DEREK ALLAN 2,555,423
PRAXAIR TECHNOLOGY, INC. 2,817,209
PRICKEL, MARVIN A. 2,823,917
PRIMETALS TECHNOLOGIES AUSTRIA GMBH 2,813,797
PROLONG PHARMACEUTICALS, LLC 2,764,872
PROPEX OPERATING COMPANY, LLC 2,996,193
PRUCHNIC, RYAN 2,701,354
PUMPROCK, LLC 2,877,677
PYPER, JOEL T. 2,825,222
PYROTEK, INC. 2,804,111
QIU, PENG 2,748,674
QUAEGEBEUR, NICOLAS 2,790,669
RABASSE, JEAN-MICHEL 2,793,135
RADSPINNER, RACHEL 2,864,711
RAINER, THOMAS 2,939,945
RAJAGOPAL, ARUN 3,000,654
RAJARATHINAM, RAJENDERKUMAR 2,792,154
RAKOTONDRAINIBE, ANDRE 2,753,366
RAMASWAMY, ARUN 2,760,677
RAN, ALEXANDER S. 2,835,514
RANJAN, PRIYESH 2,934,771
RAO, GURUPRAKASH BANGALORE 2,930,253
RAO, KRIPA 2,807,702
RATIA, JOUNI 2,870,224
RAU, CHARLES B., III 2,921,434
RAVEN, JOSEPH S. 2,814,502
RAVEN, ROBERT VON 2,754,465
RAZZAK, MAJID 2,745,278
RECKITT BENCKISER FINISH B.V. 2,715,474
REDING, BRUCE WARREN 2,708,342
REES, DARREN 2,918,838
REGENERON PHARMACEUTICALS, INC. 2,785,158
REGO, CARLOS 2,830,638
REHRIG PACIFIC COMPANY 2,751,829
REHRIG PACIFIC COMPANY 2,755,853
REMEDI TECHNOLOGY HOLDINGS, LLC 2,745,147
RESCH, BARBARA 2,976,485
RESURRECCION, FERMIN P., JR. 2,910,074
RETTELBACH, NIKOLAUS 2,925,653
REVINGTON, ADRIAN 2,908,726
RHOADS, GEOFFREY B. 2,792,336
RICHARDS PACKAGING INC. 2,631,095
RICOH COMPANY, LTD. 2,930,107
RINGEMANN, CHRISTIAN 2,896,152
RIPPIN, SUSAN R. 2,766,162
RISEBOROUGH, PAUL 2,831,216
RIZZO, THOMAS CHRISTOPHER 2,930,253
RKW SE 2,922,775
ROACH, ROBERT S. 2,725,226
ROBERTS, WILLIAM V. 2,819,815
ROBERTSON, BRUCE JOHN 2,789,535
ROBINSON, JESSE EUGENE 2,940,693
ROBINSON, THOMAS C. 2,648,611
ROCH, EVELYNE 2,931,515
RODRIGUEZ, TONY F. 2,750,359
RODRIGUEZ, TONY F. 2,792,336
ROETTGEN, PETER 2,782,007
ROGERS, STEVEN BRUCE 2,935,608
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BUDDHA, MADHAVAN 3,010,566
BUGLER, THOMAS W. 3,010,855
BUHAGIAR, THIERRY 3,010,670
BUONO, ROBERTA 3,010,627
BURAKOWSKA-MEISE, EWELINA 3,010,572
BURGDORF, LARS 3,010,890
BUSH, CHRISTOPHER 3,010,778
BUSHONG, WILLIAM C. 3,010,697
BUTT, RICHARD 3,000,127
CABANA SUMSI, MARTA 3,010,977
CABANNES, ERIC 3,010,751
CALDOW, ROBERT 3,010,613
CALHOUN, DAVID 3,010,557
CALIFORNIA INSTITUTE OF TECHNOLOGY 3,010,522
CALVERT, JAY GREGORY 3,010,977
CANDELA, MARCO 3,010,517
CANINO, VINCENT 3,010,401
CANNSCIENCE INNOVATIONS INC. 3,010,636
CANTINA, CATHERINE 3,010,208
CAO, GUORONG 3,010,734
CAPITAL ONE SERVICES, LLC 3,010,438
CAPPE, MELANIE 3,010,666
CAPUTO, GIUSEPPE 3,010,569
CAREFUSION 2200, INC. 3,010,500
CARGILL, INCORPORATED 3,010,611
CARGILLE, DAVID LEE 3,010,830
CARLINI, ARCHIMEDO MARIO, JR. 3,010,884
CARTER, TRENT 3,010,563
CASALE SA 3,010,560
CASELLI, CLAUDIO 3,010,881
CASTAGNETTI, ANDREA 3,010,517
CASTELLI, VIRGINIA 3,010,546
CAWOOD, MATTHEW D. 3,010,606
CAYSON, ANDREW J. 3,010,442
CELGENE CORPORATION 3,010,794
CELGENE CORPORATION 3,010,796
CELGENE CORPORATION 3,010,797
CELGENE CORPORATION 3,010,801
CELL CARE THERAPEUTICS 3,010,916
CELLPHIRE, INC. 3,010,889
CELMER, ANTHONY MICHAEL 3,010,586
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS 3,010,669
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,011,017
CERNY, JAKUB 3,010,499
CETINKAYA, MURAT 3,010,572
CHA, DAVID S. 3,010,885
CHAI, LUCIA YIYI 3,010,853
CHAMBERS, RICHARD L. 3,010,531
CHANG, FRANK 3,010,570
CHANG, FRANK 3,010,574
CHAO, HERBERT 3,010,695
CHARLES, NICHOLA 3,010,519
CHAU, ALEXANDER 3,000,127
CHAUBAY, GIRIJA S. 3,010,512
CHAUHAN, SUNIL 3,010,827
CHAWLA, LAKHMIR 3,010,708
CHAWLA, LAKHMIR 3,010,781
CHAWLA, LAKHMIR 3,010,788
CHEMOCENTRYX, INC. 3,010,735
CHEN, CHEN 3,010,268
CHEN, FABIAN 3,010,778
CHEN, HUI 3,010,716
CHEN, JIANHE 3,010,756
CHEN, QING 3,010,530
CHEN, TIFFANY F. 3,010,510
CHEN, WANSHI 3,010,696
CHEN, WANSHI 3,010,774
CHEN, YIHE 3,010,827
CHEN, ZHIHENG 3,010,499
CHEN, ZHU 3,010,224
CHENG, CHI-YIN 3,010,586
CHENG, STANLEY KIN SUI 3,010,972
CHENGDU AULI ECOLOGICAL TECHNOLOGY DEVELOPMENT CO., LTD. 3,010,529
CHENGDU BIOPURIFY LTD. 3,010,421
CHEVRON U.S.A. INC. 3,010,353
CHIAO, ALEX YULAN 3,010,446
CHINA PETROLEUM & CHEMICAL CORPORATION 3,010,268
CHINA PETROLEUM & CHEMICAL CORPORATION 3,010,275
CHINTAKINDI, SUNIL 3,010,433
CHINTAKINDI, SUNIL 3,010,437
CHISHTI, ZIA 3,007,711
CHOI, WON SEOG 3,010,577
CHOQUETTE, GEORGE 3,010,741
CHORINE, NICOLAS 3,010,535
CHRISTENSEN, ROBERT 3,010,413
CHRISTIE, MICHAEL JOSEPH 3,010,520
CHU, JIANYING 3,010,424
CHUNG, HAK SUK 3,010,573
CHUPAKHIN, VLADIMIR 3,010,690
CIGAN, ANDREW MARK 3,010,628
CLARIANT INTERNATIONAL LTD 3,010,899
CLEARSIDE BIOMEDICAL, INC. 3,010,862
CLEMENT, BENJAMIN 3,010,701
CLEMENT, CRAIG 3,010,369
CLEMENT, KEN 3,010,369
CLIFF, RICHARD O. 3,010,889
CLUBE, JASPER 3,010,891
CMT COSTRUZIONI MECCANICHE E TECNOLOGIA SPA 3,010,455
COFFIN, ROBERT 3,011,009
COHEN, MOR MIRI 3,010,556
COLLET, ANATOLE 3,010,669
COLLURA, MARIANO 3,010,452
COLOMAR, DAVID 3,010,590
COLONARYCONCEPTS LLC 3,010,861
COLONARYCONCEPTS LLC 3,010,865

COLSTON, MICHAEL 3,008,643
COMMONHEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 3,010,724
CONAGEN INC. 3,010,716
CONNOLLY, PETER J. 3,010,509
CONOCOPHILLIPS COMPANY 3,010,530
COPEN, TRAVIS 3,010,988
CORBION BIOTECH, INC. 3,010,666
CORFLOW THERAPEUTICS AG 3,010,447
CORMATRIX CARDIOVASCULAR, INC. 3,010,714
CORMATRIX CARDIOVASCULAR, INC. 3,010,717
CORMEDIX INC. 3,010,981
CORNEY, RICHARD E. 3,010,608
CORNO, MATTEO 3,011,006
CORONA, ALESSANDRO, III 3,010,919
CORREA, MATTHEW D. 3,010,796
COTA, ALESSIO NICOLO 3,011,006
COX, CRAIG A. 3,010,580
COX-COLVIN & ASSOCIATES, INC. 3,010,580
CRAFT, BRANDON W. 3,010,443
CRAFT, BRANDON W. 3,010,513
CRIME SCIENCE TECHNOLOGY 3,010,667
CROZIER, ETIENNE 3,010,682
CRYOLIFE, INC. 3,010,904
CSL BEHRING RECOMBINANT FACILITY AG 3,010,720
CUI, JINGYU 3,010,275
CUMPELIK, PAVEL 3,010,535
CURRY, BRETT 3,010,516
CYNITY CO., LTD. 3,010,808
CZODROWSKI, PAUL 3,010,890
DABEER, ONKAR JAYANT 3,010,619
DAG, ARNES 3,010,903
DAHL, PER JUUL 3,010,549
DAI, JINNAN 3,010,906
DALIAN FIELD HEAVY-MACHINERY MANUFACTURING CO.,LTD 3,010,731
DANA CANADA CORPORATION 3,010,728
DANA, REZA 3,010,827
DANA-FARBER CANCER INSTITUTE, INC. 3,010,815
DANCER, WILLIAM W. 3,010,351
DANG-VAN NHAN, CHRISTOPHE 3,010,501
DAS, DEBAPRIYA 3,010,512
DAVIDSON, GREGORY J. 3,010,697
DAVIDSON, PERRY 3,010,559
DAVIES, GARETH 3,010,700
DAVIS, MICHAEL F. 3,010,444
DE JONG, ROB 3,010,887
DE LA FUENTE, ALFONSO FABIAN 3,010,434
DE LA FUENTE, ALFONSO FABIAN 3,010,449
DE LA TORRE BARREIRO, JOSE LUIS 3,010,707
DE SOUZA, ANSELM 3,010,920
DEANS, ROBERT J. 3,010,510
DECLERCQ, LIEVEN DENIS HERWIG 3,010,690
DEE, JOSHUA 3,010,889
DEGUDENT GMBH 3,010,699
DEGUDENT GMBH 3,010,784
DEIRINGER, GUNTHER 3,010,584
DEKELVER, RUSSELL 3,010,738
DELAROCHE, SYLVAIN 3,010,666
DELINIA, INC. 3,010,621
DEMAC, S.A. 3,010,707
DEMOPULOS, GREGORY A. 3,010,593
DENG, GUIJUN 3,010,442
DENKA COMPANY LIMITED 3,010,461
DENTSPLY SIRONA INC. 3,010,699
DENTSPLY SIRONA INC. 3,010,784
DEPUY SYNTHES PRODUCTS, INC. 3,010,792
DEROUAZI, MADIHA 3,010,779
DESCHAMPS, HERVE 3,010,454
DESLATTES MAYS, ANNE 3,010,674
DESLATTES MAYS, ANNE 3,010,683
DESLATTES MAYS, ANNE 3,010,684
DESORMEAU, WAYNE 2,998,248
DESOUSA, RYAN 3,010,570
DEWITT, ROBERT R. 3,010,629
DHONG, EUL WON 3,010,857
DI CARLO, GABRIELE 3,010,560
DIAMOND INNOVATIONS, INC. 3,010,918
DIAMOND, GARY M. 3,010,631
DIAS, ERIC L. 3,010,631
DICKSON, THOMAS D., JR. 3,010,602
DIEBOLDER, ROLF 3,010,699
DIETZ, ALBERT G., III 3,010,787
DIETZ, WESLEY P. 3,010,351
DILOYAN, GEORGE 3,010,512
DILUCCIO, ROBERT 3,010,981
DINAKARPANDIAN, DEENDAYAL 3,010,744
DING, WEI 3,010,737
DIVI, UDAY KUMAR 3,010,724
DODGE, JEFFREY A. 3,010,362
DOLEZAL, PAVEL 3,010,568
DOMBROSKI, AMY 3,010,747
DOMI, ARBAN 3,011,014
DOMINGUES, DAVID J. 3,010,990
DOMINIQUE, ROMYR 3,010,847
DOMINOWSKI, PAUL J. 3,010,977
DOMLING, ALEXANDER 3,010,752
DONDERICI, BURKAY 3,010,894
DOOLEY, JOSEPH 3,010,436
DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED 3,010,550
DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED 3,010,677
DORSCH, DIETER 3,010,890
DOUMBOUYA, MOUSSA 3,000,127
DOW GLOBAL TECHNOLOGIES LLC 3,010,436
DOWD, CRAIG A. 3,010,990
DOWDEN, NATHAN 3,010,510
DOWER, STEVE 3,010,720
DOWNING, JONATHAN PAUL 3,010,446
DR. AUGUST WOLFF GMBH & CO. KG ARZNEIMITTEL 3,010,544
DREESE, PATRICK C. 3,010,990
DRIES, GEERT LODEWIJK 3,010,864
DSM IP ASSETS B.V. 3,010,288
DUAN, PING 3,010,456
DUBOURDIEU, DWAYNE 3,010,364
DUDLER, THOMAS 3,010,593
DUMITRU, CALIN 3,010,632
DUMOULIN, OLIVIER 3,010,523
DUNNY, ELIZABETH 3,010,552
DURAND, JEAN-OLIVIER 3,011,017
DUTTA, SANTANU 3,009,003
DUX, CHRISTIAN 3,010,584
DYKSTRA, ROBERT RICHARD 3,010,417
DYKSTRA, ROBERT RICHARD 3,010,919
DYNASOL ELASTOMEROS, S.A. DE C.V. 3,010,743
EARTH TECHNOLOGIES USA LIMITED 3,010,607
ECOLAB USA INC. 3,010,618
ECOLAB USA INC. 3,010,719
ECOLAB USA INC. 3,010,909
EGNOR, DANIEL TRAWICK 3,010,882
EHLER, JENNIFER 3,010,441
EILMUS, SASCHA 3,010,742
EISINGER, CLAUS 3,010,420
ELECTRICITE DE FRANCE 3,010,590
ELECTROLUX HOME PRODUCTS, INC. 3,010,873
ELLINGSON, KIMBERLY HORN 3,010,793
ELLINGSON, KIMBERLY HORN 3,010,795
ELLIS, DAVID JOHN 3,010,538
ELLSWORTH, KENNETH P. 3,010,224
ELYSON PHARM 3,010,857
EMBREE, MALLORY 3,010,505
EMMEALLAENNE S.R.L. 3,011,007
EMMRICH, KERSTIN 3,010,720
EMPL, GUNTER 3,010,892
EMPL, GUNTER 3,010,898
ENENKEL, MARTIN 3,010,745
ENERGX CONTROLS, INC. 3,010,504
ENGIE 3,010,365
EQUISTAR CHEMICALS, LP 3,010,859
ERICH UTSCH AG 3,010,676
ERLANDSSON, SVEN KRISTER 3,010,787
ERTL, THOMAS 3,010,699
ESDAR, CHRISTINA 3,010,890
ESQUIVEL DE LA GARZA, ALEJANDRO CLAUDIO 3,010,743
ETUBICS CORPORATION 3,010,874
EUCLISES PHARMACEUTICALS, INC. 3,010,848

EVAPCO, INC. 3,010,855
F. HOFFMANN-LA ROCHE AG 3,010,689
F. HOFFMANN-LA ROCHE AG 3,010,763
FAGHIHNEJAD, ALI 3,010,618
FAIRFIELD, NATHANIEL 3,010,882
FAKOORIAN, SEYED ALI AKBAR 3,010,774
FALLBROOK INTELLECTUAL PROPERTY COMPANY LLC 3,010,733
FARADAY GRID LIMITED 3,010,489
FARMER, KENNETH RUDOLF, II 3,010,613
FARMER, NATHANIEL RUDOLF 3,010,613
FATE THERAPEUTICS, INC. 3,010,236
FAWBUSH, STACY 3,010,909
FEARIS, PAUL JAMES 3,010,513
FECHER, STEFAN 3,010,784
FEI, JIN 3,010,531
FERGUSON, DAVID GEORGE 3,010,355
FERNANDES, PAUL 3,010,208
FERNANDEZ, PAUL F. 3,010,794
FERRETTI, ANTONIO C. 3,010,794
FIBERBUILT MANUFACTURING INC. 3,010,422
FIERENS, KATLEEN 3,010,690
FILVAROFF, ELLEN 3,010,801
FINA TECHNOLOGY, INC. 3,010,695
FINDER, ZDENKA 3,010,760
FISCHER, DANIEL 3,010,892
FISCHER, DANIEL 3,010,898
FISCHER, RUDIGER 3,010,742
FISCHER, STEFAN 3,010,572
FISHER CONTROLS INTERNATIONAL LLC 3,010,230
FISHER, CHAD A. 3,010,397
FISHER, THERESA 3,010,871
FITZPATRICK, GLEN MICHAEL 3,010,889
FLECHTNER, KEN-DOMINIC 3,010,553
FLENTIE, KELLY 3,010,895
FLETCHER, DAN 3,010,422
FLORES-FIGUEROA, AARON 3,010,417
FLYER, ALEC 3,010,895
FONSECA, GLEDISON 3,010,417
FOONG, WENG CHEE 3,010,422
FORG, CHRISTIAN 3,010,414
FOUREZ, PABLO 3,011,012
FOURMAUX, SYLVAIN 3,010,979
FOX, TODD 3,010,451
FRAMROZE, BOMI 3,010,453
FRANCIS, JAMES NICHOLAS 3,010,713
FRANK, DION STUART 3,010,458
FRANK, JORDAN 3,010,980
FRANK, WILLIAM A. 3,010,870
FREEZIO AG 3,010,892
FREEZIO AG 3,010,898
FRIEDRICH BEN NUN, INBAR 3,010,764
FRIEDRICH, MATTHIAS 3,010,685
FRIEDRICH, MATTHIAS 3,010,704
FUGLESTAD, KENNETH 3,010,782
FUJIFILM DIOSYNTH BIOTECHNOLOGIES UK LIMITED 3,010,431
FUJIFILM DIOSYNTH BIOTECHNOLOGIES UK LIMITED 3,010,545
FURLONG, SHANE PATRICK 3,010,783
G-P MOVES FREIGHT, LLC 3,010,499
GAAL, PETER 3,010,774
GABITZSCH, ELIZABETH 3,010,874
GALLER, THOMAS 3,010,729
GAMBA, SIMONE 3,010,560
GAN, ZHENWEI 3,010,268
GAN, ZHENWEI 3,010,275
GANE, PATRICK A.C. 3,010,992
GANGARAJU, RAJA SHEKHAR 3,010,916
GANGLOFF, SCOTT 3,010,598
GANGLOFF, SCOTT 3,010,600
GANGLOFF, SCOTT 3,010,612
GANTI, VAISHNAVI 3,010,224
GAO, GUOWU 3,010,731
GAO, SONG 3,010,618
GARCIA MARCOS, ALEJANDRA 3,010,572
GARCIA, ANTONIO 3,010,983
GARCIA, ERCILIA HERNANDEZ 3,010,444
GARCIA, MARCEL 3,011,017
GARDINER, ELISABETH M. 3,010,632
GARDNER, MICHAEL WALTER 3,010,520
GARIBAY, PATRICK WILLIAM 3,010,756
GARY-BOBO, MAGALI 3,011,017
GATTUSO, CALOGERO 3,010,569
GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD. 3,010,767
GEHRET, JOHN K. 3,010,989
GENERAL MILLS, INC. 3,010,990
GENERAL MILLS, INC. 3,011,011
GENMAB A/S 3,010,887
GENORD, JONATHAN M. 3,010,614
GEOVAX INC. 3,011,014
GERARD, PIERRE 3,010,698
GERBER, MANFRED 3,010,515
GERHARDT, TOBIAS 3,010,425
GHILLEBAERT, FRANCOIS 3,010,669
GIAVARINI, JEAN PAUL 2,995,134
GIESECKE+DEVRIENT MOBILE SECURITY GMBH 3,010,540
GILLEYLEN, RUSSELL C. 3,010,419
GILPATRICK, WILLIAM 3,010,620
GIPSON, RAYMOND M. 3,010,723
GLEDHILL, ANDREW 3,010,918
GLOZMAN, LEVI 3,000,127
GLUSKER, MARK 3,010,446
GOCKEL, BIRGIT 3,010,561
GODBOUT, JOSEPH DANIEL PAUL 3,010,389
GOETZ, ROLAND 3,010,561
GOGUL, GRANT 3,010,505
GOJO INDUSTRIES, INC. 3,010,608
GOLDAN, AMIRHOSSEIN 3,010,845
GOLDAN, AMIRHOSSEIN 3,010,852
GOLDSTEIN, STEVEN 3,010,904
GOOD START GENETICS, INC. 3,010,579
GORE, ATHURVA 3,010,579
GORGENS, ULRICH 3,010,742
GORINTIN, LOUIS 3,010,365
GORIO, ALFREDO 3,010,398
GOSIEWSKA, ANNA 3,010,792
GOULD, STEPHEN J. 3,010,582
GRADEK, THOMAS 3,010,388
GRAIL, INC. 3,010,418
GRANT, ALEXANDER JAMES 3,010,508
GRANT, EDWARD A. 3,010,354
GRAPHIC PACKAGING INTERNATIONAL, LLC 3,010,620
GRAVITY PRODUCT DEVELOPMENT, LLC 3,010,591
GREEN, ALLAN GRAHAM 3,010,724
GREEN, CHARLES 3,010,499
GRESSEL, GREGORY M. 3,010,614
GREULICH-WEBER, SIEGMUND 3,010,533
GREVE, JEFFREY 3,010,621
GRIESSNER, MATTHIAS 3,010,905
GRIMSMO, ARNE LOEHRE 3,010,686
GRONDIN, PIERRE 3,010,787
GROSZ, GREGORY CHRISTOPHER 3,010,583
GROVER, HAR 3,010,636
GRUBBS, ROBERT H. 3,010,522
GRUBER, PAUL 3,010,830
GRUBESA, MELINDA ENIKO 3,010,208
GRUNDER, DOUGLAS E. 3,010,607
GU, GUIJIANG 3,010,734
GUIRAKHOO, FARSHAD 3,011,014
GULATI, RAHUL 3,010,603
GULFSTREAM AEROSPACE CORPORATION 3,010,893
GUNDLAPALLI, RAMARAO V. 3,010,500
GUNTHER, CHRISTOPH 3,010,394
GUO, XIN 3,010,737
GUPTA, AJAY 3,010,771
GURRIE, TERRANCE W. 3,010,697
GUST, KARL R. 3,010,362
GUYON, BERTRAND 3,010,682
HAARSTAD, PHILIP 3,010,542
HAESEBROUCK, FREDDY 3,010,537
HAGER, DOMINIK 3,010,742
HAGERAATS-PONOMAREVA, SVETLANA VIKTOROVNA 3,010,427
HAIDER, MATTHAUS 3,010,534
HAKEN, UWE 3,010,574
HAKOZAKI, TOMOHIRO 3,010,730
HALDOR TOPSOE A/S 3,010,549
HALDOR TOPSOE A/S 3,010,748
HALDOR TOPSOE A/S 3,010,750
HALEY, DAVID VICTOR LAWRIE 3,010,508
HALLAM, THOMAS 3,010,986
HALLIBURTON ENERGY SERVICES, INC. 3,010,351

HALLIBURTON ENERGY SERVICES, INC. 3,010,353
HALLIBURTON ENERGY SERVICES, INC. 3,010,397
HALLIBURTON ENERGY SERVICES, INC. 3,010,424
HALLIBURTON ENERGY SERVICES, INC. 3,010,583
HALLIBURTON ENERGY SERVICES, INC. 3,010,783
HALLIBURTON ENERGY SERVICES, INC. 3,010,879
HALLIBURTON ENERGY SERVICES, INC. 3,010,894
HALLIBURTON ENERGY SERVICES, INC. 3,011,010
HAMELIN, REMI 3,010,523
HANREICH, ANGELIKA 3,010,581
HANSEN, JOSHUA 3,010,796
HANWHA AZDEL, INC. 3,010,595
HARADA, YUSAKU 3,010,461
HARDY, MATTHEW 3,010,720
HARFENSTELLER, MARK 3,008,953
HARP, MICHAEL 3,010,893
HARRAH, TIMOTHY P. 3,010,443
HARRAH, TIMOTHY PAUL 3,010,513
HARTMAN, DALLAS 3,010,720
HARTSHORN, RICHARD TIMOTHY 3,010,919
HARVEY, GLEN A. 3,010,712
HASSMAN, MARK JOHN 3,010,853
HAUDONGCHUN CO., LTD 3,010,577
HAUG, CLAIRE 3,010,208
HAY, LY EANG 3,010,241
HAYABUSA FIGHTWEAR INC. 3,010,369
HAYES, HOWARD 3,010,433
HAYES, HOWARD 3,010,437
HE, LU 3,000,127
HEALTH RESEARCH, INC. 3,010,416
HEBERT, LISE 3,010,886
HEISE, CHARLES 3,010,431
HEISE, CHARLES 3,010,545
HEISKANEN, ISTO 3,010,703
HEITKE, BEN 3,011,011
HELLERSTEIN, MICHAEL 3,011,014
HENKER, GILLIAN 3,010,871
HENNING, STEVEN K. 3,010,695
HENRIKSEN, DENNIS 3,010,915
HENRY, DREW P. 3,010,428
HENSON, MATTHEW LEE 3,010,557
HERA, MARK 3,010,443
HERNANDEZ ZAMORA, GABRIEL 3,010,743
HERRENKNECHT AG 3,010,425
HERRMANN, STANLEY 3,010,631
HICKSON, IAN 3,010,509
HIGH, DONALD R. 3,010,594
HIGH, DONALD R. 3,010,596
HIGH, DONALD R. 3,010,597
HILLE & MULLER GMBH 3,010,553
HILTI AKTIENGESELLSCHAFT 3,010,414
HINDERSLAND, LEIF KARE 3,010,903
HINRICHS, AXEL 3,010,557
HIRAI, KEISUKE 3,010,804
HIRAYAMA, JUUJI 3,010,706
HIRSIVUORI, TIMO 3,010,770
HITACHI CHEMICAL COMPANY, LTD. 3,010,925
HITCHENS, BRUCE P. 3,010,359
HODGDON, TRAVIS KYLE 3,010,919
HODSON, SIMON K. 3,010,607
HOEM, JON H. 3,010,447
HOFFMANN, ALEXANDER 3,010,688
HOFFMANN, PATRICK 3,010,685
HOFFMANN, PATRICK 3,010,704
HOFFMEISTER, LAURA 3,010,742
HOFSETH BIOCARE ASA 3,010,453
HOGAN, TODD A. 3,010,436
HOLLAND, TROY VERNON 3,010,570
HOLLAND, TROY VERNON 3,010,574
HOLM, MARTIN SPANGSBERG 3,010,748
HOLMER, ANNA-KARIN 3,010,692
HONG, XIN 3,010,921
HOOPER, MICHAEL 3,010,422
HORNER, GAL 3,010,800
HOU, ZHIMIN 3,010,268
HOU, ZHIMIN 3,010,275
HOUGH, TED 3,010,789
HOWARD, PHILIP WILSON 3,010,551
HOWARD, PHILIP WILSON 3,010,552
HU, HONG GU 3,010,857
HU, SHUNQU 3,010,268
HU, SHUNQU 3,010,275
HU, YANYAN 3,000,127
HU, YUNLING 3,010,421
HUANG, WENYI 3,010,436
HUANG, YONG 3,010,529
HUB CITY TERMINALS, INC. 3,010,499
HUBBARD, SAWYER 3,010,444
HUBBELL INCORPORATED 3,010,625
HUBBELL INCORPORATED 3,010,715
HUEFFER, STEPHAN 3,010,572
HUGHES NETWORK SYSTEMS, LLC 3,010,741
HUGHES NETWORK SYSTEMS, LLC 3,010,757
HUGHES NETWORK SYSTEMS, LLC 3,010,762
HUGHES, MICHAEL D. 3,010,419
HUI, HO-WAH 3,010,797
HUMPHRY, MATTHEW EDWARD 3,010,674
HUNTSMAN INTERNATIONAL LLC 3,010,864
HUNZIKER, PHILIPP 3,010,536
HUSSAM, ALI ADEL 3,010,910
HUTCHISON, JEFFREY 3,010,909
HUWAIS IP HOLDING LLC 3,010,749
HUWAIS, SALAH 3,010,749
HWANG, DOHYEON 3,010,573
IDEYA LABS, LLC 3,010,602
IFP ENERGIES NOUVELLES 3,010,454
IGARASHI, TATSUYA 3,010,777
IKEDA, DAIKI 3,010,461
ILG, KERSTIN 3,010,742
ILLINOIS TOOL WORKS INC. 3,010,814
IMBA - INSTITUT FUR MOLEKULARE BIOTECHNOLOGIE GMBH 3,010,755
INFINITE POTENTIAL LABORATORIES LP 3,010,979
INOVENTEAM 3,010,669
INSTAR TECHNOLOGIES A.S. 3,010,568
INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,010,979
INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF MEDICAL SCIENCES 3,010,097
INTRON BIOTECHNOLOGY, INC. 3,010,564
INTRON BIOTECHNOLOGY, INC. 3,010,565
IRMAK, BARIS 3,010,753
ISCOE, NEIL 3,010,567
ISCOE, NEIL 3,010,803
ISHIKAWA, TAKASHI 3,010,804
ITM ISOTOPEN TECHNOLOGIEN MUNCHEN AG 3,008,953
IVIE, BRADLEY S. 3,010,419
IWAO, GOUICHI 3,010,491
IWASAKI, YOSUKE 3,010,571
JACKSON, DAVID BRIAN 3,010,733
JACKSON, TRENTON F. 3,010,230
JACOBSSON, SVEN 3,010,915
JAIN, PALKESH 3,010,603
JALALI, NIMA 3,010,912
JANG, EUN 3,010,612
JANSEN, ESTHER 3,010,901
JANSSEN PHARMACEUTICA NV 3,010,509
JANSSEN PHARMACEUTICA NV 3,010,690
JAVALI, NAGESH 3,010,741
JAVALI, NAGESH 3,010,757
JAYANT, RAMAKRISHNAN 3,010,757
JENEWEIN, STEFAN 3,010,572
JENKINS, JONATHAN A. 3,010,972
JENN, THOMAS MCLACHLAN 3,010,853
JENNES, STEVE 3,010,521
JENSEN, JONATHAN 3,010,616
JERAJANI, KAUSHAL 3,010,612
JERNSTROM, JUSSI 3,008,953
JFE MINERAL COMPANY, LTD 3,010,571
JFE STEEL CORPORATION 3,010,706
JI, TINGFANG 3,010,839
JIANG, JING 3,010,839
JIANG, XUWEI 3,010,570
JIANGSU TASLY DIYI PHARMACEUTICAL CO., LTD. 3,010,097
JIANGSU TASLY DIYI PHARMACEUTICAL CO., LTD. 3,010,462

JIAXING XIAOHUZI BIKE FACTORY COMPANY LIMITED 3,010,736
JIMINEZ, JAVIER E. 3,010,602
JOHNSON, ALEXANNE 3,010,918
JOHNSON, KYLE 3,010,876
JOLKKONEN, MIKAEL 3,010,876
JONES, CHARLES E., JR. 3,010,362
JONES, ERICA C. 3,010,604
JONES, FRANK R. 3,010,874
JOSE, KEVIN JOHN 3,010,598
JOSE, KEVIN JOHN 3,010,600
JOTTERAND, VERONIQUE HEDWIGE 3,010,916
JUN, SOO YOUN 3,010,564
JUN, SOO YOUN 3,010,565
JUNG, GI MO 3,010,564
JUNG, GI MO 3,010,565
JUSHI GROUP CO., LTD. 3,010,734
JUSTEQ, LLC 3,010,526
KABUSHIKI KAISHA NIHON MICRONICS 3,010,491
KAHVEJIAN, AVAK 3,010,510
KAKINUMA, KATSUYOSHI 3,010,461
KAMM, ANDRE 3,010,362
KANE, DAVID 3,010,691
KANEEDA, MASATO 3,010,925
KANG, SANG HYEON 3,010,564
KANG, SANG HYEON 3,010,565
KANNAN, SHIVASANKARI 3,011,016
KANSKAR, MANOJ 3,010,498
KANTOFF, PHILIP 3,010,815
KARDOSH, MICHAEL 3,010,556
KARLES, GEORGIOS 3,010,691
KARLES, GEORGIOS D. 3,010,875
KARP, JEFFREY MICHAEL 3,010,610
KARUPPUSAMY, SATHEESHKUMAR 3,011,016
KATSUDA, TAKESHI 3,010,808
KATZ, STEVEN C. 3,010,722
KATZENELLENBOGEN, BENITA 3,010,506
KATZENELLENBOGEN, JOHN 3,010,506
KATZKE, DAVID H. 3,010,990
KATZNELSON, BEERI 3,010,559
KAUSCH-BUSIES, NINA 3,010,742
KAVAKKA, JARI 3,010,923
KAVURU, VIMAL 3,011,015
KAY, MICHAEL S. 3,010,713
KCI LICENSING, INC. 3,010,496
KEANE, ZACHARY KYLE 3,010,355
KEILLOR, MATTHEW 3,010,542
KEITH, ELIZABETH LAUREN 3,010,793
KEITH, ELIZABETH LAUREN 3,010,795
KELLER, MICHAEL 3,010,208
KENDALL, ALEXANDER M. 3,010,442
KEYGENE N.V. 3,010,683
KEYGENE N.V. 3,010,684
KHATIWADA, SUMAN 3,010,456
KHEDKAR, ANAND 3,010,566
KIEFFER, JEAN CLAUDE 3,010,979
KIHM, ANTHONY J. 3,010,792
KIKUTA, MAKOTO 3,010,491
KILPATRICK, KEVIN 3,010,682
KIM, CHUNG SOO 3,010,526
KIM, DAEIK DANIEL 3,010,589
KIM, EILEEN 3,010,912
KIM, HAE YANG 3,010,857
KIM, JONGHAE 3,010,589
KIM, SUNG HOON 3,010,506
KIMBERLY-CLARK WORLDWIDE, INC 3,010,853
KINDER, LEE M. 3,010,728
KING, MATTHEW G. 3,010,628
KITAHARA, JUN 3,010,777
KIZER, LANCE 3,010,624
KLAUBER, ERIC GEORGE 3,010,561
KLEIN, MANFRED 3,010,414
KLIKOVICH, MICHAEL 3,010,534
KLOCKNER PENTAPLAST EUROPE GMBH & CO. KG 3,010,584
KLOX TECHNOLOGIES LIMITED 3,010,872
KLOX TECHNOLOGIES LIMITED 3,010,886
KNAUER, JOCHEN 3,010,899
KNIE, ULRICH 3,010,544
KNOBLICH, JURGEN 3,010,755
KOBAL, GERD 3,010,691
KODRA, JANOS TIBOR 3,010,756
KOEFOD, ROBERT 3,010,611
KOELKER, KARL-HEINZ 3,010,763
KOEPKE, MICHAEL 3,010,412
KOERNER, SEBASTIAN 3,010,443
KOERNER, SEBASTIAN 3,010,513
KOHN, GARY ALLEN 3,010,783
KOIKE, TOMOYUKI 3,010,924
KOISHI, AKIFUMI 3,010,924
KOLAR, DAVID JOHN 3,010,988
KOLB, HARTMUTH 3,010,690
KOLSCH, JORG 3,010,676
KOMATSU LTD. 3,010,702
KOMURA, KAZUMASA 3,010,815
KOOPMAN, LOUISE 3,010,887
KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY 3,010,573
KORZENIK, JOSHUA 3,010,861
KORZENIK, JOSHUA 3,010,865
KOSAR, WALTER PHILLIP 3,010,698
KOSLOWSKI, NICOLAS 3,010,352
KOTHARE, MOHIT A. 3,010,794
KOTRA, LAKSHMI PREMAKANTH 3,010,636
KOTTAYIL, S. GEORGE 3,011,015
KRAEHMER, RALF 3,010,905
KREMER, GERHARD 3,010,709
KROLL JENSEN, ANNETTE E. 3,010,549
KRUGER, MARC 3,010,892
KRUGER, MARC 3,010,898
KUFER, PETER 3,010,685
KUFER, PETER 3,010,704
KUMAR, AMRESH 3,011,015
KUMAR, ANIL 3,010,419
KUMAR, BIJU PILLAI 3,010,419
KUMAR, RAJEN 3,010,871
KUNZE, GOTTHARD 3,010,581
KUPPER, MARTIN 3,010,729
KUTZNER, MARTIN 3,010,784
KVERNELAND GROUP MECHATRONICS B.V. 3,010,902
LA JOLLA PHARMACEUTIAL COMPANY 3,010,708
LA JOLLA PHARMACEUTICAL COMPANY 3,010,781
LA JOLLA PHARMACEUTICAL COMPANY 3,010,788
LABBE, DENIS 3,010,917
LANCASTER, MADELINE A. 3,010,755
LANDMARK GRAPHICS CORPORATION 3,010,531
LANDMARK GRAPHICS CORPORATION 3,010,908
LANDS, CHAD D. 3,010,557
LANGDON, MATTHEW T. 3,010,870
LANGER, ROBERT SAMUEL 3,010,610
LANZATECH NEW ZEALAND LIMITED 3,010,412
LAREDO, WALTER R. 3,010,570
LARSEN, FINN 3,010,829
LARSEN, MORTEN BOBERG 3,010,748
LARSEN, MORTEN BOBERG 3,010,750
LASTRA, RAFAEL ADOLFO 3,010,838
LATCHMAN, YVETTE 3,010,874
LAU, JESPER F. 3,010,756
LAUKALA, TEIJA 3,010,703
LAVRENKO, MAYYA 3,010,631
LAW, CANDACE 3,010,904
LBP MANUFACTURING LLC 3,010,441
LE RUYET, MARIE 3,010,666
LEACH, GWENDOLINE 3,010,674
LEADING BIOSCIENCES, INC. 3,010,986
LEE, CHUN D. 3,010,859
LEE, GWO-SHU MARY 3,010,815
LEE, MOO HYUNG 3,010,577
LEE, RICHARD T. 3,010,799
LEE, SANG KYOU 3,010,811
LEENAERTS, JOSEPH ELISABETH 3,010,690
LEENDERS, FRANK 3,010,905
LEGGE, MICHAEL 3,010,352
LEHMANN, TODD CARLTON 3,010,625
LEI, WEI 3,010,268
LEMGRUBER, RENATO DE S.P. 3,010,412
LENZ GES.M.B.H. 3,010,709
LENZ, STEFAN 3,010,709
LEO PHARMA A/S 3,010,547
LEPOIVRE, FLORIAN 3,010,669
LEPOUDRE, PHILIP PAUL 3,010,515
LESTINI, FEDERICO 3,011,007
LEUNG, LINUS 3,010,700
LEWIS, MELISSA MAUREEN 3,010,636
LEYRER, RHEINHOLD J. 3,010,417
LI, HONGJU 3,010,847
LI, LING 3,010,582
LI, LIXIN 3,010,759
LI, LIXIN 3,010,761
LI, LIXIN 3,010,765
LI, SAN 3,010,875

LI, WEILING 3,010,875
LI, YING 3,010,794
LI, ZHIJUN 3,010,490
LIFEBRIDGE HEALTH, INC. 3,010,914
LIN, GUANGRONG 3,010,429
LIN, HAINING 3,010,628
LIN, RONG-HWA 3,010,601
LIN, SHIH-YAO 3,010,601
LIN, VIVIAN H. 3,010,771
LIN, YONGMAO 3,010,275
LINDACHER, JOSEPH MICHAEL 3,010,574
LINDEROTH, LARS 3,010,756
LIPCHIN, ALEKSEY 3,000,127
LIPOWICZ, PETER 3,010,691
LIPSCOMB, JOHN M. 3,010,457
LIU, TAO 3,010,275
LIU, WEI 3,010,419
LIU, WENBO 3,010,522
LIU, XIANGSHENG 3,010,711
LIU, XING LIANG 3,010,399
LM WP PATENT HOLDING A/S 3,010,680
LOCATOR IP, L.P. 3,010,439
LOCKE, CHRISTOPHER BRIAN 3,010,496
LOHR, CHARLES B. 3,010,733
LOIBL, GUNTER 3,011,005
LONG, CHRISTOPHER 3,010,918
LONG, JERRY T. 3,010,443
LONG, JERRY TIMOTHY, JR. 3,010,513
LONG, MICHAEL W. 3,010,614
LONGMIRE, JAMES M. 3,010,631
LONGO, VALTER D. 3,010,627
LONZA WALKERSVILLE, INC. 3,010,764
LOPEZ-GIRONA, ANTONIA 3,010,801
LORAIN, OLIVIER 3,010,698
LOUPIS, NIKOLAOS 3,010,872
LOUPIS, NIKOLAOS 3,010,886
LOVE, ERIK 3,010,405
LOVING PETS CORPORATION 3,010,591
LU, GANG 3,010,801
LU, WEN-CHIN 3,010,878
LUAN, WENQI 3,010,870
LUBBERGER, MICHAEL 3,010,425
LUBIC, MARKO K. 3,010,785
LUCAS, BRUCE CARL 3,011,010
LUCAS, BRYAN CHAPMAN 3,010,397
LUCCARELLI, FRANK 3,010,557
LUISON, ANGELO 3,010,554
LUISON, GIULIANO 3,010,554
LUNDSTEDT, JACK 3,010,762
LUO, MENG 3,010,618
LUTZOW, THOMAS ANDREW 3,010,863
MABEY, MICHAEL HOWATT 3,010,434
MABEY, MICHAEL HOWATT 3,010,449
MACKENZIE ATLANTIC TOOL AND DIE/MACHINING LTD. 3,010,370
MACKENZIE, MATTHEW 3,010,370
MACLEAN, STEVE 3,010,979
MADABHUSHI, SRI 3,010,598
MADABHUSHI, SRI 3,010,600
MADAK-ERDOGAN, ZEYNEP 3,010,506
MAGATTI, MARCO 3,010,682
MAGEREN, OLIVIER 3,010,879
MAHABLESHWARKAR, ATUL R. 3,010,727
MAHU, MAXIME 3,010,537
MAKOSINSKI, ANN 3,010,805
MAKOSINSKI, ARTHUR 3,010,805
MAKOTRONICS ENTERPRISES INC. 3,010,805
MALLIK, SIDDHARTHA 3,010,619
MAN, HON-WAH 3,010,794
MANISSERO, CLAUDIO 3,010,989
MARAIS, ARTHUR 3,010,669
MARCELLIN, ESTEBAN 3,010,412
MARCELLINO, SEBASTIEN 3,010,698
MARCHEGIANI, ANDREA 3,010,872
MARCOTTE, TOMMY 3,010,523
MARICA, ADRIAN 3,010,732
MARICAP OY 3,010,393
MARLATT, SHAUN P. 3,000,127
MARS, INCORPORATED 3,010,746
MARS, INCORPORATED 3,010,747
MARTEL, AN 3,010,537
MARTIN, JILL M. 3,010,436
MARTINEZ, ADAM 3,010,904
MARTINEZ, EDUARDO J. 3,010,848
MARTINEZ, SEBASTIAN 3,010,888
MARTINEZ, VLADIMIR C. 3,010,620
MARTINI, MATTEO 3,010,669
MASCIAMBRUNI, ROBERTO 3,010,575
MASON, MARK O. 3,010,595
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 3,010,610
MASTERCARD INTERNATIONAL INCORPORATED 3,010,798
MASTERCARD INTERNATIONAL INCORPORATED 3,011,012
MASTERSON, LUKE 3,010,551
MASTERSON, LUKE 3,010,552
MATA-FINK, JORDI 3,010,510
MATHENY, ROBERT G. 3,010,714
MATHENY, ROBERT G. 3,010,717
MATHIEU, GUY 2,998,248
MATHO, MICHAEL H. 3,010,632
MATSUZAKI, JUNKO 3,010,416
MAURIELLO JIMENEZ, CHIARA 3,011,017
MAYES, DANIEL MATTHEW 3,010,867
MAYNADIER, MARIE 3,011,017
MAZOR ROBOTICS LTD. 3,011,008
MCBRIDE, KEITH SEAN 3,010,880
MCCLOUD, JEFFERSON C. 3,010,896
MCCURLEY, NATHANAEL PAUL 3,011,014
MCDONALD, SEBASTIAN ALASTAIR 3,010,566
MCGILLIVRAY, RYAN DAVID 3,010,364
MCGOWAN, KRISTINA M. 3,010,586
MCIVOR, R. SCOTT 3,010,738
MCKENZIE, ROBERT P. 3,010,632
MCVAUGH, MONTY 3,010,629
MECKEL, MARIAN 3,008,953
MEDIMMUNE LIMITED 3,010,551
MEDIMMUNE LIMITED 3,010,552
MEDITOPE BIOSCIENCES, INC. 3,010,632
MEERPOEL, LIEVEN 3,010,509
MEHTA, DILIP 3,010,920
MEHTA, SUNIL 3,010,769
MEINES, STEVE 3,010,871
MELTON, DOUGLAS A. 3,010,799
MELTON, HAYDEN PAUL 3,010,843
MENARD, WENDELL P. 3,010,530
MENG, HUAN 3,010,711
MERCK PATENT GMBH 3,010,890
MERCK SHARP & DOHME CORP. 3,010,224
MESCHINI, ALBERTO 3,010,679
MEXICANO GARCIA, JESUS ALBERTO 3,010,743
MEYER INTELLECTUAL PROPERTIES LTD. 3,010,972
MICHAELS, JAMES P. 3,010,990
MICHIELS, PIERRE 3,010,503
MICRO MOTION, INC. 3,010,694
MIDBASS DISTRIBUTION LIMITED 3,010,548
MIDEA GROUP CO., LTD. 3,010,767
MIIKKULAINEN, RISTO 3,010,567
MIIKKULAINEN, RISTO 3,010,803
MIKEAL, QUENT 3,010,893
MIKKONEN, KATI 3,010,555
MILANOVIC, ZORAN 3,010,921
MILER, YISRAEL 3,010,501
MILLER, MATTHEW JAMES 3,011,012
MILLER, NEIL 3,010,744
MILLIGAN, JAMES A. 3,010,224
MILTON, TREVOR R. 3,010,521
MINAGAWA, MASANORI 3,010,702
MINTZ, YOSEF 3,010,440
MITCHELL, LEE ANTHONY 3,010,586
MITCHELL, MADELINE CLAIRE 3,010,724
MIYAKAWA, TAKESHI 3,010,461
MIYAMOTO, SHINICHI 3,010,922
MIZUTA, ISAO 3,010,928
MOCTEZUMA ESPIRICUETO, SERGIO ALBERTO 3,010,743
MOECHARS, DIEDERIK WILLEM ELISABETH 3,010,690
MOENY, WILLIAM M. 3,010,353
MOGHADDAM, DAVOOD GHADIRI 3,010,515
MOHAWK CARPET LLC 3,010,881
MOHR, DOUGLAS K. 3,010,586
MONTGOMERY, GUY 3,010,762
MOODY, RALPH A., III 3,010,787
MORALES, CESAR VEGA 3,010,746
MORALES, CESAR VEGA 3,010,747
MOROS, REBECCA 3,010,605
MORTON, PAUL 3,010,576
MOSCUCCI, MAURO 3,010,914
MOSRIN, MARC 3,010,742
MOSTAGEER, MARWA 3,010,982
MUDAKATTE, NIRANJAN SUNIL 3,010,589
MUELLER, DIERK 3,009,530

MUELLER, MONIKA 3,010,288
MUENZ, MARKUS 3,010,685
MUENZ, MARKUS 3,010,704
MUGFORD, PAUL 3,010,288
MUMEDIA PHOTOELECTRIC LIMITED 3,010,527
MUNKVOLD, JESSE DAVID 3,010,674
MUNKVOLD, JESSE DAVID 3,010,683
MUNKVOLD, JESSE DAVID 3,010,684
MURPHY, JAMES 3,010,586
MURPHY, VINCENT J. 3,010,631
MUZERELLE, MATHILDE 3,010,890
MYERS, JESSICA 3,010,586
MYERS, JOEL N. 3,010,439
MYERS, LACHLAN 3,010,439
MYHRE, VIDAR 3,010,780
MYRIOTA PTY LTD 3,010,508
MZ IP HOLDINGS, LLC 3,011,016
NAAMAN, OFER 3,010,355
NAAMANKA, JORMA 3,010,555
NABORS DRILLING TECHNOLOGIES USA, INC. 3,010,451
NAGY, TIBOR 3,010,431
NAGY, TIBOR 3,010,545
NAKAMURA, HIDEHIRO 3,010,925
NAKAMURA, KEIICHIRO 3,010,571
NANOMEDSYN 3,011,017
NANOTECH INDUSTRIAL SOLUTIONS, INC. 3,010,512
NARDOZZA, GREGG S. 3,010,775
NASSTROM, JACQUES 3,010,915
NATHAN, ASHER 3,010,678
NATIONAL CANCER CENTER JAPAN 3,010,808
NATIONAL OILWELL DHT, L.P. 3,010,419
NATIONAL OILWELL VARCO, L.P. 3,010,732
NAVIGEN, INC. 3,010,713
NCH CORPORATION 3,010,739
NEBUMA GMBH 3,010,448
NEC CORPORATION 3,010,922
NEITEMEIER, INGO 3,010,753
NEL, ANDRE E. 3,010,711
NELSON, SAMUEL AUGUST 3,010,853
NEOTX THERAPEUTICS LTD. 3,010,678
NESTEC S.A. 3,010,682
NEWMAN, MATTHEW LLOYD 3,010,793
NEWMAN, MATTHEW LLOYD 3,010,795
NI, JINSONG 3,010,623
NICKL, RICHARD 3,010,830
NICKLE, GLEN 3,010,413
NIELSEN, JESPER DUUS 3,010,572
NIELSEN, LARS 3,010,680
NIELSEN, LARS K. 3,010,412
NIEMANN, HELLE 3,010,435
NIKE INNOVATE C.V. 3,010,911
NIKWAX LIMITED 3,010,538
NIMEROFF, JEFFREY S. 3,010,840
NIMEROFF, JEFFREY S. 3,010,897
NISHIMURA, AKIRA 3,010,727
NISSAN MOTOR CO., LTD. 3,010,924
NITE IZE, INC. 3,010,588
NJ SHARING NETWORK 3,010,587
NLIGHT, INC. 3,010,498
NOLIN, ERIC 3,010,718
NORDIC MINESTEEL TECHNOLOGIES INC. 2,998,248
NORTEK AIR SOLUTIONS CANADA, INC. 3,010,515
NORTHROP GRUMMAN SYSTEMS CORPORATION 3,010,355
NORTIC HOLDINGS INC. 3,011,015
NOVARTIS AG 3,010,208
NOVARTIS AG 3,010,446
NOVARTIS AG 3,010,570
NOVARTIS AG 3,010,574
NOVARTIS AG 3,010,778
NOVARTIS AG 3,010,921
NOVO NORDISK A/S 3,010,756
NOVOZYMES A/S 3,010,435
NUDLER, AMOS 3,010,800
NUHEART AS 3,010,542
NUOVO PIGNONE TECNOLOGIE SRL 3,010,546
NUSCALE POWER, LLC 3,010,789
O'DRISCOLL, DAVID 3,010,563
O'HAYON, DAVID 3,010,886
O'HEARN, SEAN 3,010,914
OBLIGER, NICOLAS 3,010,682
OBLONG, JOHN ERICH 3,010,730
OBSCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "PLANTA" 3,010,585
OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "MIKI" 3,010,812
OCHIYA, TAKAHIRO 3,010,808
ODINOKOV, ALEKSANDR VLADIMIROVICH 3,010,812
ODUNSI, ADEKUNLE 3,010,416
OEFNER, TANJA 3,010,784
OGATA, NOBUAKI 3,010,539
OGURI, TAIHEI 3,010,928
OGZEWALLA, MARK B. 3,010,884
OLDHAM, ELIZABETH 3,010,224
OMEROS CORPORATION 3,010,593
OMNITRACS, LLC 3,010,885
OMYA INTERNATIONAL AG 3,010,536
OMYA INTERNATIONAL AG 3,010,992
ON MY WAVE LLC 3,010,791
ONCOBIOLOGICS, INC. 3,010,598
ONCOBIOLOGICS, INC. 3,010,600
ONCOBIOLOGICS, INC. 3,010,612
OPEX CORPORATION 3,010,629
OPPONG, FELIX KWADWO 3,010,867
OPTIPRO CORP LTD. 3,010,913
ORANIM, AMIR 3,010,562
OREN, ERAN 3,010,559
ORMSBEE, BOWDEN 3,010,588
OSCARSSON, MATTIAS D. C. 3,010,776
OSMUNDSEN, CHRISTIAN MARUP 3,010,748
OSMUNDSEN, CHRISTIAN MARUP 3,010,750
OTTO SUHNER AG 3,010,758
OU, LI 3,010,738
OUDWAN, MAHER 3,010,365
OULD-METIDJI, MAHMOUD 3,010,669
OUTOTEC (FINLAND) OY 3,010,973
OWCZAREK-RYMAROWICZ, IZABELA 3,010,760
OWENS-BROCKWAY GLASS CONTAINER INC. 3,010,354
OZAKI, TOMONORI 3,010,702
P&M CABLE CONSULTING SARL (P&M CABLE CONSULTING LLC) 3,010,917
PADULA, LILIAN 3,010,719
PALUMBO PICCIONELLO, ANGELA 3,010,886
PALUMBO, GIANFRANCO 3,010,390
PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD. 3,010,928
PANDE, VINEET 3,010,509
PANDEY, PRADEEP 3,010,612
PANDUM, PAISAL 3,010,502
PANOUSIS, CON 3,010,720
PANZANI, GIULIO 3,011,006
PARASONIC LTD. 3,010,556
PARIKH, AJAY S. 3,009,003
PARIKH, VISHAL 3,010,438
PARK, HYO-JIN 3,010,857
PARK, SANG-GEUN 3,010,857
PARK, SUNG DONG 3,010,811
PARKINSON, ADAM 3,010,911
PARREN, PAUL 3,010,887
PARUNAK, GENE 3,010,871
PASKAL TECHNOLOGIES AGRICULTURE COOPERATIVE LTD. 3,010,800
PASMANS, FRANK 3,010,537
PASQUINI, MATTEO 3,011,006
PATALE, MUKESH B. 3,010,566
PATEL, SAMIRKUMAR 3,010,862
PATEL, SHIMMAN ARVIND 3,010,696
PATHOQUEST 3,010,751
PATKI, RAHUL 3,010,881
PATTERSON, SHAWN 3,010,542
PATZ, REINHARD 3,010,581
PAVCON UG (HAFTUNGSBESCHRANKT) 3,010,745
PAYEUR, STEPHANE 3,010,979
PAYNE, THOMAS 3,010,764
PEARSON, DANA LAUREN 3,010,620
PEEPER, DANIEL 3,010,887
PENTECOST, MICKEY 3,010,916
PERALTA, EIGEN 3,010,236
PETRIE, JAMES ROBERTSON 3,010,724
PETUSHKOV, VALENTIN NIKOLAEVICH 3,010,585
PEYREGNE, JOEY 3,010,451
PEYSSON, YANNICK 3,010,454
PGS GEOPHYSICAL AS 3,010,776
PHEIFFER, JOACHIM 3,010,581
PHILIP MORRIS PRODUCTS S.A. 3,010,691

PHILIP MORRIS PRODUCTS S.A. 3,010,850
PHILIP MORRIS PRODUCTS S.A. 3,010,875
PHILLIPS, PERCY D. 3,010,444
PHINERGY LTD. 3,010,501
PICKING, LUKE 3,010,505
PIERGALLINI, REMIGIO 3,010,872
PIERGALLINI, REMIGIO 3,010,886
PILIPCHENKO, ANNA 3,010,909
PINELLI, ROBERTO 3,010,279
PIONEER HI-BRED INTERNATIONAL, INC. 3,010,628
PIONEER PET PRODUCTS, LLC 3,010,457
PITHAWALLA, YEZDI 3,010,691
PLAJA DILME, LAIA 3,010,977
PLAKABETON S.A. 3,010,503
PLEDPHARMA AB 3,010,915
PMV PHARMACEUTICALS, INC. 3,010,847
POFI, LUCA 3,011,007
POGGLIOLI, TOMMASO 3,010,799
POHL, BRAD P. 3,010,733
POLAK, MENACHEM 3,010,501
POLYMEM 3,010,698
POLYTEX SPORTBELAGE PRODUKTIONS-GMBH 3,010,760
POMPE, CORNELIUS 3,010,685
POMPE, CORNELIUS 3,010,704
PORTZ, DANIELA 3,010,742
PRATT, RAYMOND 3,010,771
PREMIER MAGNESIA, LLC 3,010,989
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 3,010,799
PRESKENIS, JAMES 3,010,989
PRETE, COSIMO 3,010,667
PRIETO, CARLOS A. 3,010,442
PRINZ, BIANKA 3,010,224
PROPER, SCOTT T. 3,010,608
PROSPECT CHARTERCARE RWMC, LLC D/B/A ROGER WILLIAMS MEDICAL CENTER 3,010,722
PU, YU 3,010,797
PURTOV, KONSTANTIN VIKTOROVICH 3,010,585
QI, BIN 3,010,268
QI, BIN 3,010,275
QI, JINXIANG 3,010,499
QI, LEI S. 3,010,754
QIAN, XINMING 3,010,574
QUALCOMM INCORPORATED 3,010,589
QUALCOMM INCORPORATED 3,010,603
QUALCOMM INCORPORATED 3,010,619
QUALCOMM INCORPORATED 3,010,696
QUALCOMM INCORPORATED 3,010,774
QUALCOMM INCORPORATED 3,010,839
QUARRE, STEVE 3,010,866
QUIRKLOGIC, INC. 3,010,434
QUIRKLOGIC, INC. 3,010,449
RACK, MICHAEL 3,010,561
RADEMAN, JERRY E. 3,010,989
RADISAVLJEVIC, GORAN 3,010,520
RADU, CAIUS G. 3,010,723
RAEHM, LAURENCE 3,011,017
RAGAN, PAULA MARIE 3,010,617
RAGLAND, BEN 3,010,875
RAGURAMAN, HARI 3,010,772
RAHEJA, RAJ KUMAR 3,010,796
RAI STRATEGIC HOLDINGS, INC. 3,010,444
RAJAIAH, JAYANTH 3,010,793
RAJAIAH, JAYANTH 3,010,795
RAMACHANDRAN, GANESHAN 3,010,741
RAMAZANI-REND, REZA 3,010,853
RAMIREZ, LILIAN 3,010,740
RAMPELLI, SIMONE 3,010,517
RAO, PRAKASH 3,010,587
RARECYTE, INC. 3,010,866
RASMUSSEN, SALKA ELBOL 3,010,756
RATTEL, BENNO 3,010,685
RATTEL, BENNO 3,010,704
RAULT, ISABELLE 3,010,208
RAUM, TOBIAS 3,010,685
RAUM, TOBIAS 3,010,704
RAYONG ENGINEERING AND PLANT SERVICE CO., LTD. 3,010,502
REBEAT INNOVATION GMBH 3,011,005
REEVELL, TONY 3,010,850
REEVES, RAY 3,010,725
REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG 3,010,534
REGENTS OF THE UNIVERSITY OF MINNESOTA 3,010,738
REMY, OLIVIER 3,010,503
RENAULT, LIONEL 3,010,592
RENNINGER, NEIL 3,010,624
RENTSCH, SAMUEL 3,010,992
REPLIMUNE LIMITED 3,011,009
RESHEF, NIMROD 3,010,559
RESURRECCION, FERMIN P., JR. 3,010,620
REVELL, MATHEW 3,010,973
REYES, BLYTHE 3,010,912
REZNER, BETSY 3,010,236
RHODES, JOSEPH 3,010,918
RICE, ADRIAN 3,010,874
RICHETER, SEBASTIEN 3,011,017
RICHTER, JAN 3,010,394
RICO ALVARINO, ALBERTO 3,010,774
RIEDL, JOSEF 3,010,540
RIESKE, RALF 3,010,394
RIJKSUNIVERSITEIT GRONINGEN 3,010,752
RIPPLE FOODS, PBC 3,010,624
RIZKALLAH, ANDREW J. 3,010,604
RIZZO, ROBERTO 3,010,569
ROBINSON, HARRIET 3,011,014
ROBINSON, TIMOTHY MARK 3,010,496
ROCABOY, CHRISTIAN 3,010,509
ROCHELEAU, KATELYN ROSE 3,010,614
ROCKWELL MEDICAL, INC. 3,010,771
RODENRYS, JOHN 3,010,986
RODIONOVA, NATAL'YA SERGEEVNA 3,010,585
RODRIGUEZ, OMAR I. 3,010,457
RODRIGUEZ, RAUL 3,010,881
ROGERS, JAMES WILLIAM 3,010,444
ROGNE, ROALD 3,010,453
ROHACH, TIMOTHY J. 3,010,860
ROMBOUTS, FREDERIK JAN RITA 3,010,690
ROOT, MICHAEL R. 3,010,439
ROPPANEN, JUKKA 3,010,710
ROSATI, GIORGIO 3,010,830
ROSEEN, PATRIK 3,010,971
ROSEN, JONATHAN 3,010,236
ROSSETTI, FABIEN 3,010,669
ROSTAMI, ALI 3,010,691
ROTH, STANLEY 3,010,558
ROTHMAN, MARTIN T. 3,010,447
ROUND, JOHN 3,010,510
ROUSSEAU, ALAIN 3,010,672
ROUTSON, RICK 3,010,871
ROYER, BAPTISTE 3,010,686
RTE RESEAU DE TRANSPORT D'ELECTRICITE 3,010,670
RUBIUS THERAPEUTICS, INC. 3,010,510
RUDOLPH, JASON MICHAEL 3,010,853
RUSSELL, MICHAEL KING 3,010,543
RUTTANASUPA, PAWIN 3,010,502
RYAN, KEVIN M. 3,010,519
RYUTARO TAKAYAMA, STEVEN 3,010,682
SAAB AB 3,010,692
SADANA, ANIL K. 3,010,456
SADANAND, SREEMANANANTH 3,000,127
SAFRAN HELICOPTER ENGINES 3,010,592
SAGEL, PAUL ALBERT 3,010,793
SAGEL, PAUL ALBERT 3,010,795
SAHA, MITUL 3,000,127
SAITO, SHIN 3,010,773
SAJAKORPI OY 3,010,770
SAJAKORPI, KIMMO 3,010,770
SAKAI, ATSUSHI 3,010,702
SALAMAT, BAHMAN 3,010,762
SALVAGGIO, ALBERTO 3,010,886
SAMANANI, NASHIRALI 3,010,434
SAMANANI, NASHIRALI 3,010,449
SAMPRONI, JENNIFER A. 3,010,823
SANDAGE, BOBBY W. 3,010,848
SANDVIK INTELLECTUAL PROPERTY AB 3,010,729
SANGAMO THERAPEUTICS, INC. 3,010,738
SANKETH, KUMAR N. 3,010,436
SANO, MASAMI 3,010,491
SANTELLO, MARCO 3,010,983
SANTORO, MARC 3,010,598
SANTORO, MARC 3,010,600
SAPIENZA, JOHN 3,010,796
SAPTHARISHI, MAHESH 3,000,127
SATIJN, DAVID 3,010,887

SAUDI ARABIAN OIL COMPANY 3,010,838
SAVARESI, SERGIO MATTEO 3,011,006
SCHABERREITER, MARTIN 3,010,709
SCHICHTEL, MARTIN 3,010,448
SCHJODT, NIELS CHRISTIAN 3,010,549
SCHLAUCH, MICHAEL L. 3,010,620
SCHLEICH, RALF 3,010,420
SCHMID, JOHN 3,010,762
SCHMIDT, VOLKER 3,011,005
SCHMITZ, PHILIP 3,010,553
SCHNEIDER, CHAD 3,010,443
SCHOEDER, HEINZ 3,010,905
SCHOLTEN, MARKUS 3,010,521
SCHOONDERBEEK, JEROEN 3,010,984
SCHORR, AARON 3,010,559
SCHRUL, CHRISTOPHER 3,010,536
SCHUIT, TIMOTHY ENGELBERTUS 3,010,427
SCHULZE-ISING, ANDREAS 3,010,557
SCHUMAN, DAVID P. 3,010,522
SCHURMANN, MARTIN 3,010,288
SCHURR, MANUEL 3,010,584
SCHWAEBLE, HANS-WILHELM 3,010,593
SCHWAGEREIT, MARTIN 3,010,553
SCHWALENBERG, TOBIAS 3,010,581
SCHWARTZ, BINYAMIN 3,010,559
SCHWARTZ, ROBERT S. 3,010,447
SCOBIE, ANDREW 3,010,489
SCOTT, ROBERT 3,010,574
SCOTT, TAYLOR ROBERT 3,010,694
SCOTTO, ANDREA 3,010,560
SDG LLC 3,010,353
SEANBUNSIRI, KANJANAS 3,010,502
SEARS, STEPHEN BENSON 3,010,444
SEBASTIAN, ANDRIES D. 3,010,444
SEBBAN, ERIC 3,010,450
SEESE, THORNE R. 3,010,990
SEFER, ADNAN 3,010,899
SEGAERT, MARTIN 3,010,403
SEGUEILHA, LAURENT 3,010,666
SEIFFERT, DIETMAR 3,010,224
SELARU, FLORIN M. 3,010,582
SELUX DIAGNOSTICS, INC. 3,010,895
SENA, ERICA 3,010,875
SENTIENT TECHNOLOGIES (BARBADOS) LIMITED 3,010,567
SENTIENT TECHNOLOGIES (BARBADOS) LIMITED 3,010,803
SERAFIN, COLLEEN PATRICIA 3,010,446
SEUBERT, RONALD C. 3,010,866
SEYMOUR, ROBERT JAMES 3,010,853
SHABANOVA, JULIJA 3,010,901
SHAFER, EDWARD 3,010,866
SHAHAR, MICHAL 3,010,678
SHAND, MARK A. 3,010,989
SHAPIRA, TAL 3,010,562
SHAUL, PHILIP 3,010,506
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,010,427
SHEMESH, ELI 3,010,409
SHEN, GUOYANG 3,010,908
SHEN, HONG 3,010,500
SHEN, XINPU 3,010,908
SHEPLER, RANDALL 3,010,838
SHI, HUIJIE 3,010,097
SHIM, SANG HEA 3,010,526
SHIMAZAKI, TOSHIKATSU 3,010,925
SHIN, HYE-GYEONG 3,010,857
SHOHAM, MOSHE 3,011,008
SIBIET, FABRICE 3,010,452
SICK, STEPHAN 3,010,557
SICK, STEPHAN 3,010,760
SIEGEL, COREY A. 3,010,861
SIEGEL, COREY A. 3,010,865
SIEMENS HEALTHCARE DIAGNOSTICS INC. 3,010,823
SIGURD, JORGENSEN 3,010,984
SILTECTRA GMBH 3,010,394
SIMON, S.A.U. 3,010,032
SINGAMAS CONTAINER HOLDINGS (SHANGHAI), LTD. 3,010,499
SINGH, SURINDER PAL 3,010,724
SINOPEC SOUTHWEST OIL & GAS COMPANY 3,010,268
SINOPEC SOUTHWEST OIL & GAS COMPANY 3,010,275
SINPHAR TIAN-LI PHARMACEUTICAL CO., LTD. (HANGZHOU) 3,010,907
SISU GLOBAL HEALTH, INC. 3,010,871
SIVIK, MARK ROBERT 3,010,417
SIVIK, MARK ROBERT 3,010,919
SKIRDA, ANATOLY 3,010,909
SLIP CLUTCH SYSTEMS LTD 3,010,543
SMALDONE, AL 3,010,790
SMALDONE, JAMES 3,010,790
SMARDT CHILLER GROUP INC. 3,010,401
SMEE, JOHN EDWARD 3,010,839
SMITH & WESSON CORP. 3,010,516
SMITH, MICHAEL R. 3,010,439
SMRZKA, OSKAR 3,010,982
SNICKARS, CARLO 3,010,546
SNIDER, JERRY 3,010,787
SNIPR TECHNOLOGIES LIMITED 3,010,891
SNUGGERUD, ROSS 3,010,789
SOCPRA-SCIENCES ET GENIE S.E.C. 3,010,686
SOERGEL, SEBASTIAN 3,010,561
SOGECLAIR SA 2,995,134
SOHL, NICOLAS MIROSLAV JOTTERAND 3,010,916
SOKOLOVSKII, VALERY 3,010,631
SOLVHOJ, AMANDA BIRGITTE 3,010,748
SONG, RENCHENG 3,010,894
SONY CORPORATION 3,010,737
SONY CORPORATION 3,010,773
SONY CORPORATION 3,010,777
SORENSEN, ANDERS PER 3,010,547
SORIAGA, JOSEPH BINAMIRA 3,010,839
SOUCY INTERNATIONAL INC. 3,010,523
SOUTHWOOD, GERARD A. 3,010,899
SPANGENBERG, OLIVER 3,010,572
SPATERNA, ANDREA 3,010,872
SPATERNA, ANDREA 3,010,886
SPEARS, BENJAMIN 3,010,895
SPECTRUM BRANDS, INC. 3,010,697
SPERRY, ERIK 3,010,443
SPULBER, MARIANA 3,011,002
STACKPOLE INTERNATIONAL ENGINEERED PRODUCTS, LTD. 3,010,576
STAUBLI, REMO 3,010,758
STEELBERG, CHAD 3,010,912
STERN, ERIC 3,010,895
STERN, HERBERT B. 3,010,861
STERN, HERBERT B. 3,010,865
STEVENS, ALEXANDER 3,010,629
STEVENS, REX W. 3,010,588
STEWART, NIKOLAS S. 3,010,728
STILES, AMANDA 3,010,624
STINSON, RYAN 3,010,912
STOKLEY, ELIZABETH A. 3,010,443
STOKLEY, ELIZABETH A. 3,010,513
STOLTZ, BRIAN M. 3,010,522
STONE, JOHN JAMES 3,010,591
STORA ENSO OYJ 3,010,631
STORA ENSO OYJ 3,010,703
STORA ENSO OYJ 3,010,923
STOUFER, PAUL 3,010,873
STOUTIMORE, MICAH 3,010,355
STOWE WOODWARD LICENSCO, LLC 3,010,712
STRAIGHT NISSEN, TORBEN 3,010,510
STRANSKA, DENISA 3,010,568
SUBRAMANIAM, ANANT 3,010,513
SUBRAMANIYAM, MAHESH 3,010,550
SUBRAMANIYAM, MAHESH 3,010,677
SUEZ INTERNATIONAL 3,010,693
SUMMERS, JONATHAN PATRICK 3,010,446
SUN, CHEN 3,010,737
SUN, JING 3,010,619
SUN, LIJUN 3,010,615
SUN, QUN 3,010,514
SUNDHOLM, GORAN 3,010,393
SUNTHANKAR, PRASANNA 3,011,015
SURYANARAYANAN, HARIHARAN 3,010,772
SVOBODOVA, JANA 3,010,568
SWEENEY, CHRISTOPHER 3,010,815
SWENSEN, JAMES S. 3,010,607
SWISS TRANSPORTATION RESEARCH INSTITUTE AG 3,010,525
SWOBODA, MARKO 3,010,394
SWORDS, KATHLEEN 3,010,399
SYNERGIA LIFE SCIENCES PVT. LTD 3,010,920
SYNTHETIC TURF RESOURCES CORP. 3,010,557
SYQE MEDICAL LTD. 3,010,559
SZLACHETKO, FERDYNAND 3,010,746
T0.COM, INC. 3,010,413

TAARNING, ESBEN 3,010,748
TAARNING, ESBEN 3,010,750
TABACCO, JOHN 3,010,413
TABRIZIFARD, MOHAMMAD 3,010,224
TAGORE, RANITENDRANATH 3,010,566
TAHARA, MASAHIKO 3,010,924
TAKABAYASHI, KAZUHIKO 3,010,777
TAKEDA PHARMACEUTICAL COMPANY LIMITED 3,010,727
TAKEDA PHARMACEUTICAL COMPANY LIMITED 3,010,804
TALLEY, JOHN J. 3,010,848
TALUSKIE, KAREN V. 3,010,444
TAMBURRINO, JUAN PABLO SANCHEZ 3,010,674
TAMPER, JUHA 3,010,147
TANGREA, MICHAEL A. 3,010,914
TAPANINAHO, MATTI KRISTIAN 3,010,396
TARASOVA, JANNA 3,010,505
TARTAN COMPLETION SYSTEMS INC. 3,010,364
TATA CONSULTANCY SERVICES LIMITED 3,010,772
TAVAZOIE, MASOUD 3,010,883
TAVAZOIE, SOHAIL 3,010,883
TECHNOVATION PTY LTD 3,010,458
TEIJIN FRONTIER CO., LTD. 3,010,539
TENG, WENJIANG 3,010,275
TERAOKA, FUMIO 3,010,773
TEVA MEDICAL LTD. 3,010,409
TEZUKA, ATSUSHI 3,010,924
THALES ALENIA SPACE ITALIA S.P.A. CON UNICO SOCIO 3,010,679
THAMMI, SANTHOSH 3,010,433
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 3,010,754
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS 3,010,506
THE BRIGHAM AND WOMEN'S HOSPITAL, INC. 3,010,610
THE BRIGHAM AND WOMEN'S HOSPITAL, INC. 3,010,799
THE CHEMOURS COMPANY FC, LLC 3,010,214
THE CHEMOURS COMPANY FC, LLC 3,010,359
THE CHILDREN'S MERCY HOSPITAL 3,010,744
THE CURATORS OF THE UNIVERSITY OF MISSOURI 3,010,744
THE HERSHEY COMPANY 3,010,614
THE JOHNS HOPKINS UNIVERSITY 3,010,582
THE PROCTER & GAMBLE COMPANY 3,010,730
THE PROCTER & GAMBLE COMPANY 3,010,793
THE PROCTER & GAMBLE COMPANY 3,010,795
THE PROCTER & GAMBLE COMPANY 3,010,919
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 3,010,445
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 3,010,711
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 3,010,723
THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK 3,010,845
THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK 3,010,852
THE ROCKEFELLER UNIVERSITY 3,010,883
THE SCHEPENS EYE RESEARCH INSTITUTE, INC. 3,010,827
THE UNIVERSITY OF QUEENSLAND 3,010,412
THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER 3,010,506
THI TOTAL HEALTHCARE INNOVATION GMBH 3,010,830
THOGERSEN, HENNING 3,010,756
THOMAS & BETTS INTERNATIONAL LLC 3,010,606
THOMASSY, FERNAND A. 3,010,733
THOMPSON SMITH, MELANIE 3,010,700
THOMSON REUTERS GLOBAL RESOURCES UNLIMITED COMPANY 3,010,843
THULIEZ, JEAN-LUC 3,010,682
THURMOND, KENNETH BRUCE 3,010,500
THYSSENKRUPP AG 3,010,753
THYSSENKRUPP INDUSTRIAL SOLUTIONS AG 3,010,753
TIAN, NAN 3,010,695
TIDMARSH, GEORGE 3,010,708
TIDMARSH, GEORGE 3,010,781
TIDWELL, ERIN ANDERSON 3,010,557
TIERRABLANCA, MALDONADO ELISA 3,010,743
TIGGES, MARC 3,010,753
TILLEMENT, OLIVIER 3,010,669
TITAN MEDICAL INC. 3,010,863
TITAN MEDICAL INC. 3,010,896
TODESCHINI, FABIO 3,011,006
TOKHTUEV, EUGENE 3,010,909
TOMATIS, STEFANO 3,010,455
TOMLIN, CHRISTOPHER 3,010,415
TONCELLI, LUCA 3,010,554
TONNESSEN, RUNE 3,010,776
TORRES, ROB 3,010,741
TORRES, ROB 3,010,757
TORSSELL, STAFFAN 3,010,631
TOTSKIY, YURY 3,008,953
TOUTOV, ANTON 3,010,522
TRABALON ESCOLAR, LUIS B. 3,010,509
TRAEGER PELLET GRILLS, LLC 3,008,643
TRAN, LISA 3,010,740
TREESE, DEREK 3,010,352
TRIPLETT, TYSON D. 3,010,602
TRISTEL PLC 3,010,901
TROMBLEY, LOGAN 3,010,715
TRUEBY, BERND 3,010,778
TRUSCHI, STEFANO 3,010,546
TRYBRIDRIVE LLC 3,010,430
TRZASKUS, KRZYSZTOF 3,011,002
TSAI, YU-YING 3,010,601
TSAKLAKIDIS, CHRISTOS 3,010,890
TSI, INC. 3,010,613
TSUCHIYA, TERUMASA 3,010,924
TSUJI, TAKEMASA 3,010,416
TTI (MACAO COMMERCIAL OFFSHORE) LIMITED 3,010,718
TUCKER, CHRISTOPHER S. 3,010,691
TUMMINELLI, GIANLUCA 3,010,569
TURBERG, ANDREAS 3,010,742
TURRONI, SILVIA 3,010,517
TURUNEN, SAMI 3,010,147
TUSETH, VEGARD 3,010,542
TUTWILER, GREGORY 3,010,401
TUZZOLINO, GAETANO 3,010,569
TWIST, GREYSON 3,010,744
UCHIDA, MAKOTO 3,010,461
UMBARGER, MARK 3,010,579
UMPAWANWONG, SANTIPAP 3,010,502
UNAMI, SHIGERU 3,010,706
UNILEVER PLC 3,010,867
UNILIN, BVBA 3,010,403
UNILIN, BVBA 3,010,701
UNIRUBBER SP. Z.O.O. 3,010,760
UNITED PARCEL SERVICE OF AMERICA, INC. 3,010,586
UNIVERSAL RESEARCH SOLUTIONS, LLC 3,010,910
UNIVERSITAT PADERBORN 3,010,533
UNIVERSITE CLAUDE BERNARD LYON 1 3,010,669
UNIVERSITE DE MONTPELLIER 3,011,017
UNIVERSITEIT GENT 3,010,537
UNIVERSITY OF LEICESTER 3,010,593
UNIVERSITY OF SOUTHERN CALIFORNIA 3,010,627
UNIVERSITY OF UTAH RESEARCH FOUNDATION 3,010,713
UNIVERSITY OF YAMANASHI 3,010,461
UPM-KYMMENE CORPORATION 3,010,147
UPONOR INNOVATION AB 3,010,971
URNIZA HOSTENCH, ALICIA 3,010,977
USG INTERIORS, LLC 3,010,870
UUNI LIMITED 3,010,396

VACIC, ALEKSANDAR 3,010,895
VALAMEHR, BAHRAM 3,010,236
VALENSTEIN, JUSTIN SCOTT 3,010,909
VALGEPEA, KASPAR 3,010,412
VALMET TECHNOLOGIES OY 3,010,555
VAN ALSTINE, JAMES 3,010,915
VAN DEN BRINK, EDWARD 3,010,887
VAN DER BIJL, MARTIJN 3,010,902
VAN DER VLUGT, PETER 3,010,902
VAN DIJKHUIZEN RADERSMA, RIEMKE 3,010,887
VAN LENGERICH, BERNHARD 3,011,011
VANHERCKE, THOMAS 3,010,724
VANLAER, ANTOINE 3,010,669
VARGA, CHRISTOPHER 3,010,500
VARSHAVSKAYA, PAULINA 3,010,866
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